

## Product datasheet for **TA332873S**

### Livin (BIRC7) Rabbit Polyclonal Antibody

#### Product data:

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:           | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applications:           | ELISA, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Recommended Dilution:   | WB, 1:500 - 1:2000<br>ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity:             | Mouse, Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Host:                   | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype:                | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clonality:              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formulation:            | Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration:          | lot specific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purification:           | Affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugation:            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Stability:              | Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Predicted Protein Size: | 33kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Name:              | baculoviral IAP repeat containing 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Database Link:          | <a href="#">NP_647478</a><br><a href="#">Entrez Gene 329581 Mouse</a> <a href="#">Entrez Gene 79444 Human</a><br><a href="#">Q96CA5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Background:             | This gene encodes a member of the inhibitor of apoptosis protein (IAP) family, and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Elevated levels of the encoded protein may be associated with cancer progression and play a role in chemotherapy sensitivity. Alternative splicing results in multiple transcript variants |

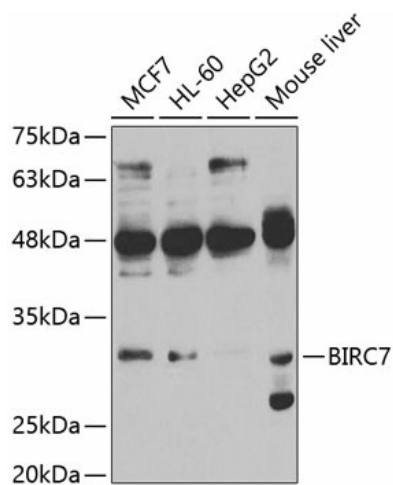


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**Synonyms:** KIAP; LIVIN; ML-IAP; MLIAP; RNF50

**Protein Families:** Druggable Genome

**Product images:**



Western blot analysis of various lysates using BIRC7 Rabbit pAb (TA332873) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.