

Product datasheet for **TA308543**

Livin (BIRC7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 241 of Livin (Uniprot ID#Q96CA5)
Formulation:	0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	baculoviral IAP repeat containing 7
Database Link:	NP_071444 Entrez Gene 79444 Human Q96CA5

Background: The protein encoded by this gene is a member of the family of inhibitor of apoptosis proteins (IAP) 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. Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide. [provided by RefSeq]

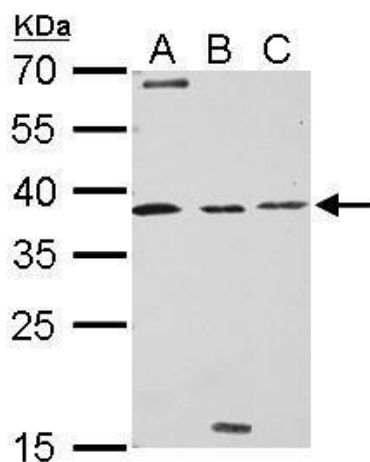


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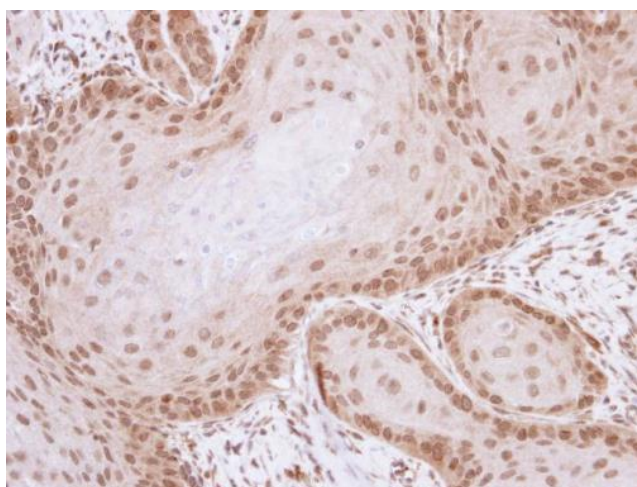
Synonyms: KIAP; LIVIN; ML-IAP; MLIAP; RNF50

Protein Families: Druggable Genome

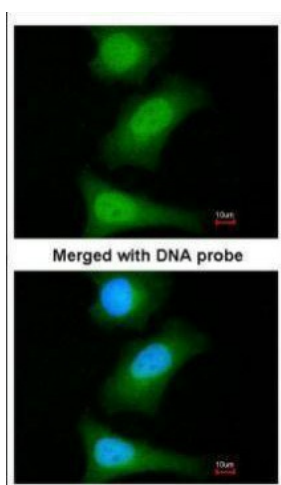
Product images:



Livin antibody detects BIRC7 protein by Western blot analysis. A. 30 ug 293T whole cell lysate/extract. B. 30 ug A431 whole cell lysate/extract. C. 30 ug HepG2 whole cell lysate/extract. 12 % SDS-PAGE. Livin antibody (TA308543) dilution: 1:500



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using ML-IAP (TA308543) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ML-IAP (TA308543) antibody at 1:200 dilution.