

Product datasheet for **TA322202**

Livin (BIRC7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse adrenal gland tissue lysate IHC: 50-200 Positive control: Human gastric cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
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 329581 Mouse Entrez Gene 79444 Human Q96CA5



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Background:

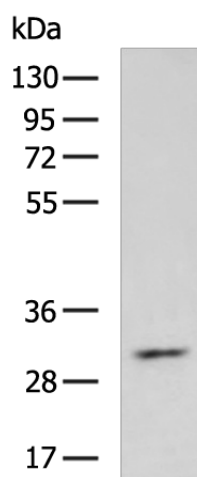
The protein encoded by this gene is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases; while the RING finger 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.?

Synonyms:

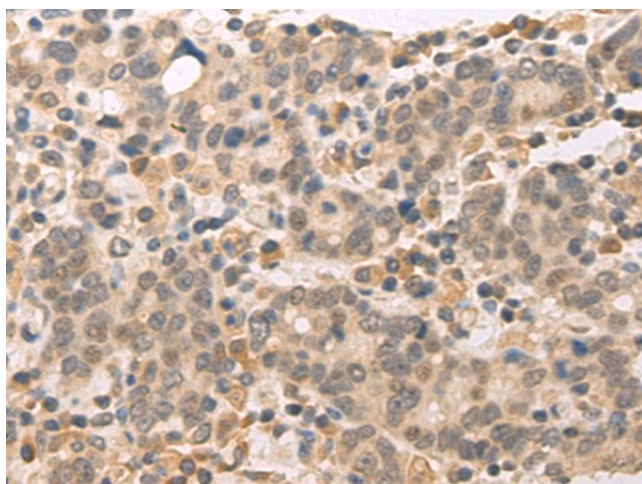
KIAP; LIVIN; ML-IAP; MLIAP; RNF50

Protein Families:

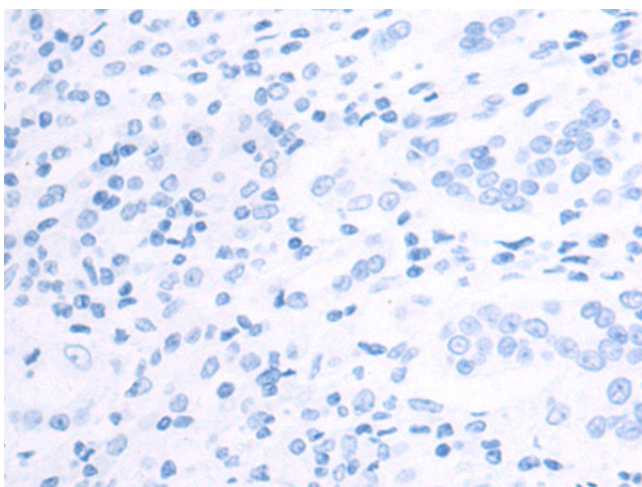
Druggable Genome

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Mouse adrenal gland tissue lysate
Primary antibody: TA322202 (BIRC7 Antibody) at dilution 1/700
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 90 seconds



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322202 (BIRC7 Antibody) at dilution 1/75 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322202 (BIRC7 Antibody) at dilution 1/75, treated with fusion protein. (Original magnification: ×200)