

Rabbit anti-Human Livin Polyclonal Antibody | anti-BIRC7 antibody

Livin Antibody

CATALOG # AAA39358	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Livin; Polyclonal Antibody; Livin Antibody; KIAP; LIVIN; MLIAP; RNF50; ML-IAP; UNQ5800/PRO19607/PRO21344; Baculoviral IAP repeat-containing protein 7; Kidney inhibitor of apoptosis protein; baculoviral IAP repeat-containing 7; anti-BIRC7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	A lower but much weaker band at 30 kDa was detected in Raji cell lysate, which may represent the short form of Livin.
Purity/Purification	Livin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	280
Applicable Applications for anti-BIRC7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Livin antibody was raised against a 17 amino acid peptide near the carboxy terminus of human Livin.
Buffer	Livin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



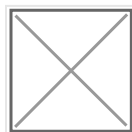
IF (Immunofluorescence)

Immunofluorescence of Livin in Human Small Intestine cells with Livin antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of Livin in human small intestine tissue with Livin antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of Livin expression in human Raji cell lysate with Livin antibody at 0.5 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BIRC7 antibody	Livin Antibody: Apoptosis, or programmed cell death, is related to many diseases, such as cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family that binds to and inhibits cell death proteases. A novel member in the IAP protein family was recently identified and designated Livin and KIAP for kidney IAP. Livin/XIAP contains a single baculoviral IAP repeat (BIR) domain and a RING finger domain and has two isoforms termed Livin-alpha and Livin-beta. Transfection of Livin in cells resulted in protection from apoptosis induced by FADD, BAX, RIP, RIP3 and DR6. Livin has direct interaction with several caspases including caspase-3, -7, and -9. Livin inhibits the activation of caspase-9 induced by Apaf-1, cytochrome c, and dATP. The two isoforms of Livin appear to have different functions and tissue distributions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11545910
NCBI GeneID	79444
NCBI Accession #	NP_071444
NCBI GenBank Nucleotide #	NM_022161.3
UniProt Accession #	Q96CA5; Q9BQV0; Q9H2A8; Q9HAP7
Molecular Weight	33 kDa
NCBI Official Full Name	baculoviral IAP repeat-containing protein 7 isoform beta
NCBI Official Synonym Full Names	baculoviral IAP repeat containing 7
NCBI Official Symbol	BIRC7
NCBI Official Synonym Symbols	KIAP; LIVIN; MLIAP; RNF50; ML-IAP
NCBI Protein Information	baculoviral IAP repeat-containing protein 7; RING finger protein 50; livin inhibitor of apoptosis; kidney inhibitor of apoptosis protein; melanoma inhibitor of apoptosis protein
UniProt Protein Name	Baculoviral IAP repeat-containing protein 7
UniProt Gene Name	BIRC7
UniProt Synonym Gene Names	KIAP; LIVIN; MLIAP; RNF50; KIAP; ML-IAP; Truncated livin; p30-Livin; tLivin
UniProt Entry Name	BIRC7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/livin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39358>