

Rabbit Livin Polyclonal Antibody | anti-BIRC7 antibody

Polyclonal Antibody to Livin (KIAP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78343	Rabbit	Rat, Mouse, Human	Western Blot, Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

Livin; Polyclonal Antibody; Polyclonal Antibody to Livin (KIAP); BIRC7; KIAP; LIVIN; MLIAP; RNF50; UNQ5800/PRO19607/PRO21344; Kidney inhibitor of apoptosis protein; ML-IAP; Melanoma inhibitor of apoptosis protein; RING finger protein 50; Antibody to Livin (KIAP); Anti-Livin (KIAP) Antibody; Livin (KIAP) Antibody; anti-BIRC7 antibody

PRODUCT SPECIFICATIONS

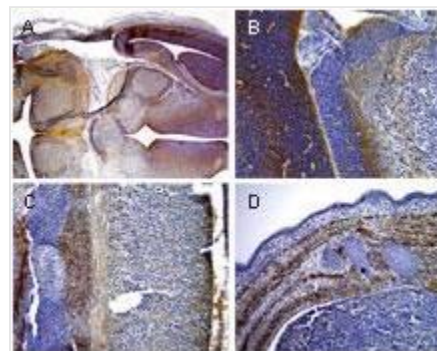
Host	Rabbit
Reactivity	Rat, Mouse, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	298
Applicable Applications for anti-BIRC7 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen Information	A synthetic peptide of human Livin, isoform alpha and isoform beta (amino acids 199-217 PELPTPRREVQSESAQEPG) was used as immunogen for this antibody
Antigen	Livin (KIAP)
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



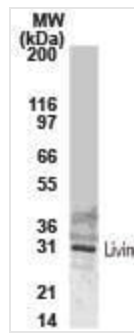
IHC (Immunohistochemistry)

Fig: 3 Immunohistochemical analysis of Livin in formalin-fixed, paraffin embedded human tonsil (secondary nodule) using at 1: 2000. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 2 Immunohistochemical analysis of Livin in Bouin's-fixed, paraffin-embedded E13.5 mouse embryo (13.5 days post coitum) Bouin's using at 1: 2000. The mother was perfused prior to embryo harvesting. A, brain overview. B, brain. C, spinal cord. D, liver and abdominal wall. Hematoxylin-eosin counterstain.



WB (Western Blot)

Fig: 1 Western blot analysis of full-length, recombinant human Livin using at 1: 2000.

ADDITIONAL INFORMATION

Related Product Information for anti-BIRC7 antibody	This antibody recognizes Livin, both isoform alpha and isoform beta. Human Livin isoform alpha is a 298 amino acid protein. Livin (BIRC7/KIAP) 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. Some IAP members, like Livin, also have a RING-type finger motif at their carboxyl-terminal which may enhance anti-apoptotic activity. Many RING finger-containing IAPs possess E3 ubiquitin ligase activity, and it has been shown that Livin acts as an E3 ubiquitin ligase for targeting the degradation of Smac/DIABLO. Thus degradation of Smac/DIABLO is thought to be a mechanism to enhance Livin anti-apoptotic activity, thereby promoting cell survival. Two splicing variants of Livin, alpha and beta, have been identified. The two isoforms are thought to have different anti-apoptotic properties; however, there are conflicting reports as to whether they actually differ in their biological activities. Livin is expressed at low levels in adult tissues, and relatively higher levels in developmental tissues and in many cancer cells. Certain cancer patients develop autoantibodies against Livin and in a number of cancers, Livin is detected only in the tumors but not, or to substantially lower levels, in the corresponding normal adjacent tissue.
Product Categories/Family for anti-BIRC7 antibody	Antibodies ; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	21759008
NCBI GeneID	79444
UniProt Accession #	Q96CA5 ; Q9BQV0 ; Q9H2A8 ; Q9HAP7
Molecular Weight	30,866 Da
NCBI Official Full Name	Baculoviral IAP repeat-containing protein 7
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
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/livin-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/78343>