

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

BIRC7 Antibody (C-term)

CATALOG # AAA284416	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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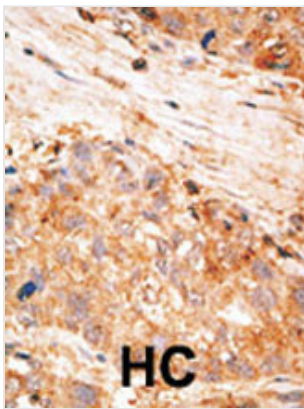
PRODUCT SYNONYMS

BIRC7; Polyclonal Antibody; BIRC7 Antibody (C-term); Baculoviral IAP repeat-containing protein 7; 632-; Kidney inhibitor of apoptosis protein; KIAP; Livin; Melanoma inhibitor of apoptosis protein; ML-IAP; RING finger protein 50; Baculoviral IAP repeat-containing protein 7 30kDa subunit; Truncated livin; p30-Livin; tLivin; LIVIN; MLIAP; RNF50; anti-BIRC7 antibody

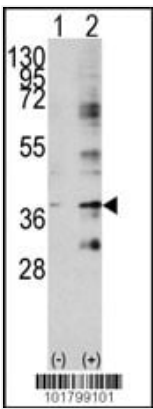
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BIRC7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 271-298 amino acids from the C-terminal region of human BIRC7.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	271-298
Sequence Length	280
Applicable Applications for anti-BIRC7 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of BIRC7 (arrow) using rabbit polyclonal BIRC7 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the BIRC7 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-BIRC7 antibody	BIRC7 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.
Product Categories/Family for anti-BIRC7 antibody	Cancer; Cell biology
References	Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Gazzaniga, P., et al., Ann. Oncol. 14(1):85-90 (2003). Vucic, D., et al., J. Biol. Chem. 277(14):12275-12279 (2002). Sanna, M.G., et al., Mol. Cell. Biol. 22(6):1754-1766 (2002). Kasof, G.M., et al., J. Biol. Chem. 276(5):3238-3246 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	11545910
NCBI GeneID	79444
NCBI Accession #	NP_071444.1; NP_647478.1
NCBI GenBank Nucleotide #	NM_022161.3
UniProt Accession #	Q96CA5; Q9BQV0; Q9H2A8; Q9HAP7
Molecular Weight	32798
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
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/birc7-antibody-western-blot-immunohistochemistry-elisa/284416>