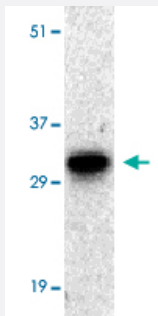


BIRC7 polyclonal antibody

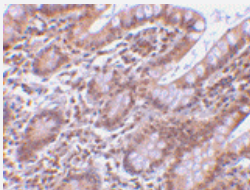
Catalog # PAB12872 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of BIRC7 expression in human Raji cell lysate with BIRC7 polyclonal antibody (Cat # PAB12872) at 4 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of BIRC7 in human small intestine tissue with BIRC7 polyclonal antibody (Cat # PAB12872) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BIRC7.
Immunogen	A mixture of synthetic peptides corresponding to amino acids 264-280 of the short form and 281-298 of the long form of human BIRC7.
Host	Rabbit
Reactivity	Human
Specificity	This sequence is identical between a and b forms of the Livin proteins.
Form	Liquid

Recommend Usage	Western Blot (2-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of BIRC7 expression in human Raji cell lysate with BIRC7 polyclonal antibody (Cat # PAB12872) at 4 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of BIRC7 in human small intestine tissue with BIRC7 polyclonal antibody (Cat # PAB12872) at 5 ug/mL .

Gene Info — BIRC7

Entrez GeneID [79444](#)

Protein Accession# [NP_071444](#)

Gene Name BIRC7

Gene Alias KIAP, LVIN, ML-IAP, MLIAP, RNF50

Gene Description baculoviral IAP repeat-containing 7

Omim ID [605737](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations

OTTHUMP00000031536|OTTHUMP00000031537|baculoviral IAP repeat-containing protein 7|kidney inhibitor of apoptosis protein|livin inhibitor of apoptosis|livin inhibitor-of-apoptosis|melanoma inhibitor of apoptosis protein

Publication Reference

- [Expression of Livin and PIGF in human osteosarcoma is associated with tumor progression and clinical outcome.](#)

Sun K, Liao Q, Chen Z, Chen T, Zhang J.

Oncology Letters 2018 Oct; 16(4):4953.

Application: IHC-P, Human, Human osteosarcoma

- [Two splicing variants of a new inhibitor of apoptosis gene with different biological properties and tissue distribution pattern.](#)

Ashhab Y, Alian A, Polliack A, Panet A, Ben Yehuda D.

FEBS Lett 2001 Apr; 495(1-2):56.

- [KIAP, a novel member of the inhibitor of apoptosis protein family.](#)

Lin JH, Deng G, Huang Q, Morser J.

Biochemical and Biophysical Research Communications 2000 Dec; 279(3):820.

Application: WB-Tr, Human, 293 cells

- [Livin, a novel inhibitor of apoptosis protein family member.](#)

Kasof GM, Gomes BC.

The Journal of Biological Chemistry 2001 Feb; 276(5):3238.