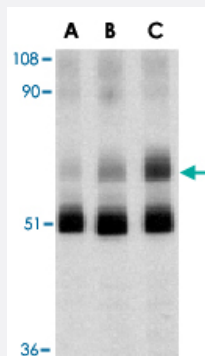


BIRC2 polyclonal antibody

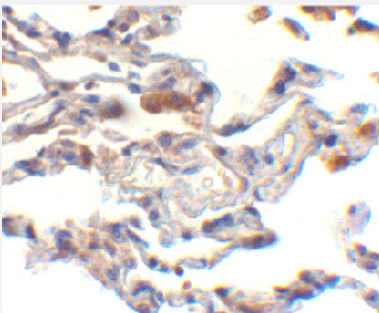
Catalog # PAB12922 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of BIRC2 in human lung tissue lysate with BIRC2 polyclonal antibody (Cat # PAB12922) at 1 (lane A), 2 (lane B), and 4 (lane C) ug/mL , respectively.



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

Immunohistochemistry of BIRC2 in human lung with BIRC2 polyclonal antibody (Cat # PAB12922) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BIRC2.
Immunogen	A synthetic peptide corresponding to C-terminus 14 amino acids of human BIRC2.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	c-IAP antibody detects both c-IAP1 and c-IAP2.
Form	Liquid

Recommend Usage	Western Blot (1-2 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 (Tissue lysate)

Western blot analysis of BIRC2 in human lung tissue lysate with BIRC2 polyclonal antibody (Cat # PAB12922) at 1 (lane A), 2 (lane B), and 4 (lane C) ug/mL , respectively.

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

Immunohistochemistry of BIRC2 in human lung with BIRC2 polyclonal antibody (Cat # PAB12922) at 10 ug/mL .

Gene Info — BIRC2

Entrez GeneID	329
Protein Accession#	NP_001157
Gene Name	BIRC2
Gene Alias	API1, HIAP2, Hiap-2, MIHB, RNF48, cIAP1
Gene Description	baculoviral IAP repeat-containing 2
Omim ID	601712
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. [provided by RefSeq]
Other Designations	NFR2-TRAF signalling complex protein apoptosis inhibitor 1 baculoviral IAP repeat-containing protein 2

Publication Reference

- [TNF-RII and c-IAP1 mediate ubiquitination and degradation of TRAF2.](#)

Li X, Yang Y, Ashwell JD.

Nature 2002 Mar; 416(6878):345.

- [IAPs block apoptotic events induced by caspase-8 and cytochrome c by direct inhibition of distinct caspases.](#)

Deveraux QL, Roy N, Stennicke HR, Van Arsdalet T, Zhou Q, Srinivasula SM, Alnemri ES, Salvesen GS, Reed JC.

The EMBO Journal 1998 Apr; 17(8):2215.

- [The TNFR2-TRAF signaling complex contains two novel proteins related to baculoviral inhibitor of apoptosis proteins.](#)

Rothe M, Pan MG, Henzel WJ, Ayres TM, Goeddel DV.

Cell 1995 Dec; 83(7):1243.

Application: WB-Ti, Human, Mouse, Human tissues, Mouse tissues

Pathway

- [Apoptosis](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Infant](#)
- [Lung Neoplasms](#)
- [Spinal Muscular Atrophies of Childhood](#)
- [Spinal muscular atrophy](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)