

Datasheet

BIRC3 polyclonal antibody

Catalog Number: PAB15528

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of BIRC3.

Immunogen: A synthetic peptide corresponding to amino acids 100-200 of human BIRC3.

Host: Rabbit

Reactivity: Human

Applications: ICC, IF, IHC, IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody is useful for Western blot analysis where a band can be seen at ~64 KDa.

Form: Liquid

Recommend Usage: Immunocytochemistry (1:100)

Immunofluorescence (1:100)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:800-1:3200)

Western Blot (1 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (30% glycerol, 0.1% sodium azide)

Storage Instruction: Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 330

Gene Symbol: BIRC3

Gene Alias: AIP1, API2, CIAP2, HAIP1, HIAP1, MALT2, MIHC, RNF49

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. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. The amino acid sequence predicts three baculovirus IAP repeat domains and a ring finger domain. Transcript variants encoding the same isoform have been identified. [provided by RefSeq]

References:

1. Cellular inhibitors of apoptosis cIAP1 and cIAP2 are required for innate immunity signaling by the pattern recognition receptors NOD1 and NOD2. Bertrand MJ, Doiron K, Labbe K, Korneluk RG, Barker PA, Saleh M. Immunity. 2009 Jun 19;30(6):789-801. Epub 2009 May 21.
2. Inhibitor of apoptosis protein cIAP2 is essential for lipopolysaccharide-induced macrophage survival. Conte D, Holcik M, Lefebvre CA, Lacasse E, Picketts DJ, Wright KE, Korneluk RG. Mol Cell Biol. 2006 Jan;26(2):699-708.