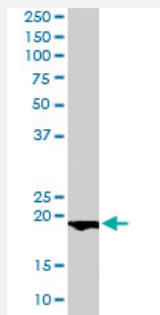


BIRC5 polyclonal antibody

Catalog # PAB6667 Size 100 ug

Applications



Western Blot (Cell lysate)

BIRC5 polyclonal antibody (Cat # PAB6667) (0.01 ug/mL) staining of MOLT 4 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BIRC5.
Immunogen	A synthetic peptide corresponding to human BIRC5.
Sequence	CVRRRAIEQLAAMD
Host	Goat
Theoretical MW (kDa)	16.4, 18.6
Reactivity	Human
Specificity	This antibody is expected to recognize the reported isoforms 1 and 3 (NP_001159.2 and NP_001012271.1 resp.).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:16000) Western Blot (0.01-0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — BIRC5

Entrez GeneID	332
Protein Accession#	NP_001159.2;NP_001012271.1
Gene Name	BIRC5
Gene Alias	API4, EPR-1
Gene Description	baculoviral IAP repeat-containing 5
Omim ID	603352
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors yet low in adult tissues. Antisense transcripts are involved in the regulation of this gene's expression. At least four transcript variants encoding distinct isoforms have been found for this gene, but the full-length natures of only three of them have been determined. [provided by RefSeq]
Other Designations	apoptosis inhibitor 4 baculoviral IAP repeat-containing protein 5 survivin variant 3 alpha

Publication Reference

- [Control of apoptosis and mitotic spindle checkpoint by survivin.](#)

Li F, Ambrosini G, Chu EY, Plescia J, Tognin S, Marchisio PC, Altieri DC.

Nature 1998 Dec; 396(6711):580.

Pathway

- [Colorectal cancer](#)
- [Pathways in cancer](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
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