

BIRC5 (phospho T34) polyclonal antibody

Catalog # PAB12585

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of BIRC5.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding T34 of BIRC5.
Host	Rabbit
Reactivity	Bovine, Cat, Dog, Human, Mouse, Pig, Primates
Specificity	This antibody is specific to phosphorylated survivin.
Form	Liquid
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-citrate/phosphate buffer, pH 7.0-8.0 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry
- Immunofluorescence

Gene Info — BIRC5

Entrez GeneID [332](#)

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

- [Survivin, a member of the inhibitor of apoptosis family, is induced by photodynamic therapy and is a target for improving treatment response.](#)

Ferrario A, Rucker N, Wong S, Luna M, Gomer C.J.

Cancer Research 2007 May; 67(10):4989.

Application: WB, Human, Mouse, Human BT-474, Mouse BA, YUSAC2/T34A-C4 cells

- [Rapid induction of mitochondrial events and caspase-independent apoptosis in Survivin-targeted melanoma cells.](#)

Liu T, Brouha B, Grossman D.

Oncogene 2004 Jan; 23(1):39.

Pathway

- [Colorectal cancer](#)

- [Pathways in cancer](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
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- [Papillomavirus Infections](#)
- [Stomach Neoplasms](#)
- [Urologic Neoplasms](#)
- [Uterine Cervical Neoplasms](#)