

Datasheet for ABIN7138771
anti-Survivin antibody (pThr117)



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1 Image

Overview

Quantity:	100 µL
Target:	Survivin (BIRC5)
Binding Specificity:	pThr117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Threonine 117(K-E-T(p)-N-N) derived from Human Survivin.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	Survivin (BIRC5)
Alternative Name:	BIRC5 (BIRC5 Products)

Target Details

Background:	Background: Multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. Component of a chromosome passage protein complex (CPC) which is essential for chromosome alignment and segregation during mitosis and cytokinesis. Acts as an important regulator of the localization of this complex, directs CPC movement to different locations from the inner centromere during prometaphase to midbody during cytokinesis and participates in the organization of the center spindle by associating with polymerized microtubules. The complex with RAN plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. May counteract a default induction of apoptosis in G2/M phase. The acetylated form represses STAT3 transactivation of target gene promoters. May play a role in neoplasia. Inhibitor of CASP3 and CASP7. Isoform 2 and isoform 3 do not appear to play vital roles in mitosis. Isoform 3 shows a marked reduction in its anti-apoptotic effects when compared with the displayed wild-type isoform. Aliases: API4 antibody, Apoptosis inhibitor 4 antibody, Apoptosis inhibitor survivin antibody, Apoptosis inhibitor4 antibody, Baculoviral IAP repeat containing 5 antibody, Baculoviral IAP repeat containing protein 5 antibody, Baculoviral IAP repeat-containing protein 5 antibody, BIRC 5 antibody, BIRC5 antibody, BIRC5_HUMAN antibody, EPR 1 antibody, IAP4 antibody, Survivin variant 3 alpha antibody, SVV antibody, TIAP antibody
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UniProt:	O15392
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Pathways:	Apoptosis , Cell Division Cycle , Nuclear Hormone Receptor Binding
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Application Details

Application Notes:	WB:1:500-1:1000,
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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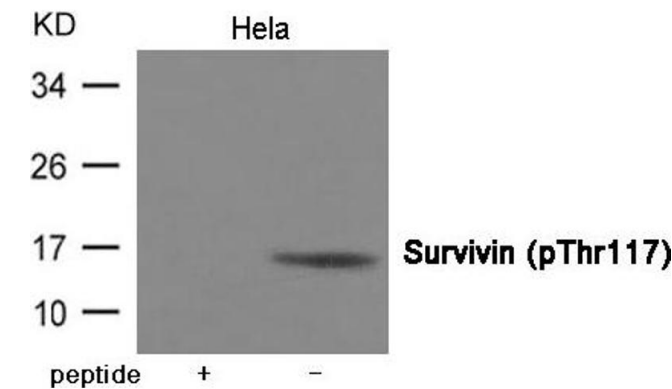
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells using Survivin (Phospho-Thr117) Antibody. The lane on the left is treated with the antigen-specific peptide.