

Datasheet for ABIN2854750
anti-Survivin antibody



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6 Images

Overview

Quantity:	100 µL
Target:	Survivin (BIRC5)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Survivin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Survivin (baculoviral IAP repeat containing 5) Survivin antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Survivin (BIRC5)
Alternative Name:	baculoviral IAP repeat containing 5 (BIRC5 Products)

Target Details

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.

Cellular Localization: Cytoplasm , Nucleus , Centromere

Molecular Weight: 16 kDa

Gene ID: 332

UniProt: [O15392](#)

Pathways: [Apoptosis](#), [Cell Division Cycle](#), [Nuclear Hormone Receptor Binding](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , NIH-3T3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

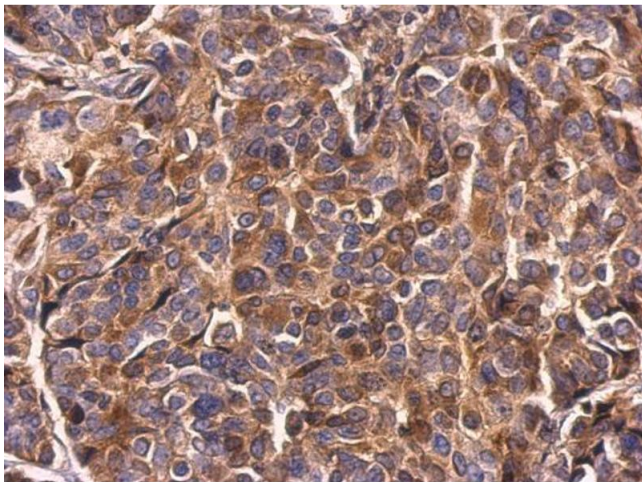
Buffer: 1XPBS (pH 7), 40 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Handling

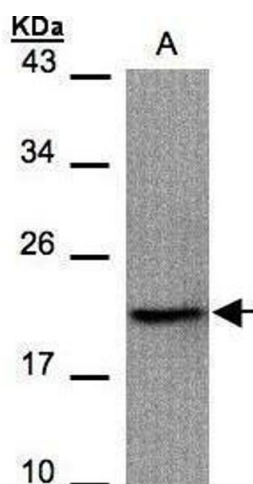
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



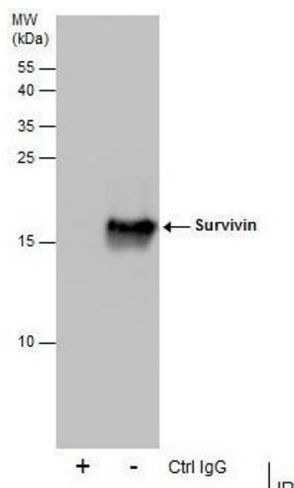
Immunohistochemistry

Image 1. IHC-P Image Survivin antibody detects Survivin protein at cytosol on human breast carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human breast carcinoma. Survivin antibody , dilution: 1:500.



Western Blotting

Image 2. WB Image Sample(30 µg of whole cell lysate) A:293T 15% SDS PAGE antibody diluted at 1:1000



Immunoprecipitation

Image 3. IP Image Immunoprecipitation of Survivin protein from 293T whole cell extracts using 5 µg of Survivin antibody, Western blot analysis was performed using Survivin antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2854750.