

Datasheet for ABIN2855433
anti-TP53BP1 antibody (N-Term)

4 Images

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Overview

Quantity:	100 µL
Target:	TP53BP1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human 53BP1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to 53BP1 (tumor protein p53 binding protein 1) 53BP1 antibody [N1], N-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

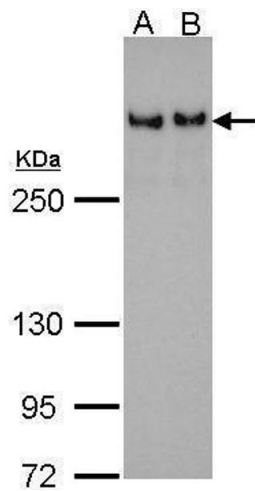
Target:	TP53BP1
Alternative Name:	tumor protein p53 binding protein 1 (TP53BP1 Products)
Background:	May have a role in checkpoint signaling during mitosis (By similarity). Enhances TP53-mediated transcriptional activation. Plays a role in the response to DNA damage. Cellular Localization: Nucleus , Kinetochore
Molecular Weight:	214 kDa
Gene ID:	7158
UniProt:	Q12888
Pathways:	DNA Damage Repair

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , HeLa , Neuro 2A , C8D30 , NIH-3T3 Validation: KO/KD
Restrictions:	For Research Use only

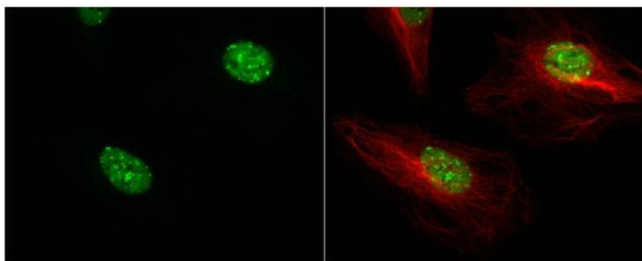
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
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.



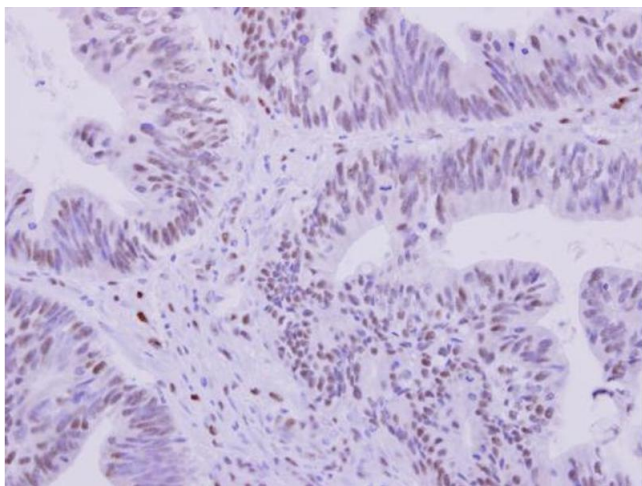
Western Blotting

Image 1. WB Image 53BP1 antibody [N1], N-term detects TP53BP1 protein by Western blot analysis. A. 30 µg 293T whole cell lysate/extract B. 30 µg HeLa whole cell lysate/extract 5 % SDS-PAGE 53BP1 antibody [N1], N-term , dilution: 1:500



Immunofluorescence

Image 2. ICC/IF Image 53BP1 antibody [N1], N-term detects 53BP1 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: 53BP1 protein stained by 53BP1 antibody [N1], N-term , diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2] , diluted at 1:10000.



Immunohistochemistry

Image 3. IHC-P Image 53BP1 antibody [N1], N-term detects 53BP1 protein at nucleus on human colon carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human colon carcinoma. 53BP1 antibody [N1], N-term , dilution: 1:250.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855433.