

Datasheet for ABIN749935

anti-TP53BP1 antibody (AA 501-600) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TP53BP1
Binding Specificity:	AA 501-600
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53BP1 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human p53BP1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TP53BP1
Alternative Name:	p53BP1 (TP53BP1 Products)

Target Details

Background:	<p>Synonyms: 53 BP1, FLJ41424, MGC138366, p202, p53 binding protein 1, p53 BP1, p53BP1, TP53 BP1, TP53BP1, Tumor protein 53 binding protein 1, Tumor protein p53 binding protein 1, Tumor suppressor p53 binding protein 1, TP53B_HUMAN, tumor protein 53-binding protein, 1.</p> <p>Background: p53 binding protein 1 (53BP1) plays a critical role in tumor suppression and is a putative substrate of ATM kinase. Upon DNA damage, it is phosphorylated and relocalizes to the presumptive sites of damage, p53 binding protein 1 (53BP1) plays a critical role in tumor suppression and is a putative substrate of ATM kinase. Upon DNA damage, it is phosphorylated and relocalizes to the presumptive sites of damage, specifically, double strand breaks. This also suggests a role in DNA repair, maintaining genomic stability.</p>
Gene ID:	7158
Pathways:	DNA Damage Repair

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months