

Datasheet for ABIN749933

**anti-TP53BP1 antibody (AA 501-600)**[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 un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), 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
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## Target Details

Alternative Name:	p53BP1 ( <a href="#">TP53BP1 Products</a> )
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:	<a href="#">DNA Damage Repair</a>

## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C

Handling

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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months