

Datasheet for ABIN7299512

**anti-TP53BP1 antibody (N-Term)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TP53BP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human 53BP1.
Specificity:	Recognizes endogenous levels of 53BP1 protein.
Characteristics:	Rabbit polyclonal antibody to 53BP1
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	TP53BP1
Alternative Name:	53BP1 ( <a href="#">TP53BP1 Products</a> )

## Target Details

Background:	Tumor suppressor p53-binding protein 1, 53BP1, p53-binding protein 1, p53BP1
Gene ID:	7158
UniProt:	<a href="#">Q12888</a> , <a href="#">P70399</a>
Pathways:	<a href="#">DNA Damage Repair</a>

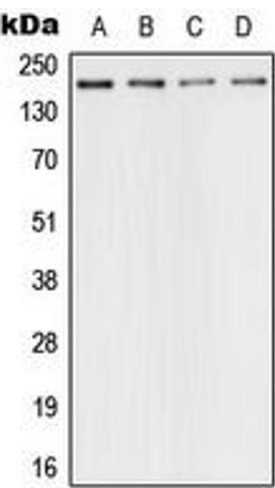
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

## Handling

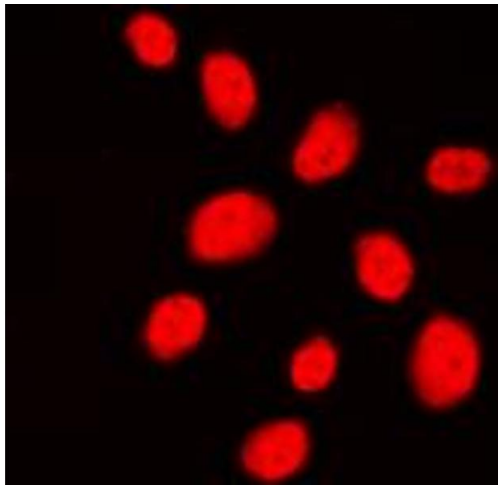
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



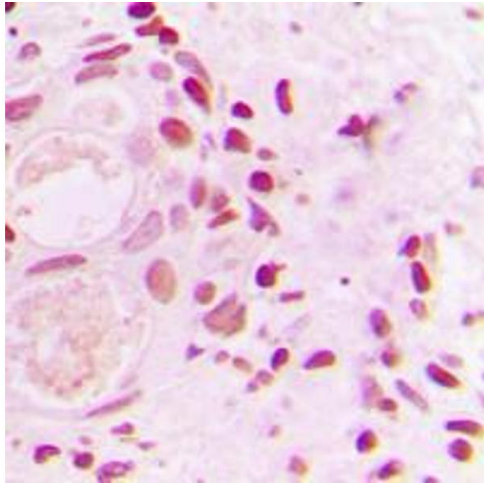
### Western Blotting

**Image 1.** Western blot analysis of 53BP1 expression in HeLa (A), SP2/0 (B), PC12 (C), rat kidney (D) whole cell lysates.



#### Immunofluorescence

**Image 2.** Immunofluorescent analysis of 53BP1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of 53BP1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.