

53BP1 Antibody

Cat. No.:	HY-P80001
Synonyms:	53BP1 Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 214 kDa, targeting to TP53BP1. It can be used for WB, ICC/IF, IHC-P, FC assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human, Mouse, Rat
Conjugation:	Non-conjugated
SwissProt ID:	SwissProt: Q12888 Human SwissProt: P70399 Mouse Entrez Gene: 296099 Rat
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 214 kDa

PROPERTIES

Formulation	Supplied in 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol. Preservative: 0.05% Sodium Azide.	
Purity	Protein A affinity purified.	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	ICC/IF	1:100-1:500
	IHC-P	1:50-1:200
	FC	1:50-1:100
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>TP53BP1: This gene encodes a protein that functions in the DNA double-strand break repair pathway choice, promoting non-homologous end joining (NHEJ) pathways, and limiting homologous recombination. This protein plays multiple roles in the DNA damage response, including promoting checkpoint signaling following DNA damage, acting as a scaffold for recruitment of DNA damage response proteins to damaged chromatin, and promoting NHEJ pathways by limiting end resection following a double-strand break. These roles are also important during V(D)J recombination, class switch recombination and at unprotected telomeres. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2017]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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