53BP1 Rabbit pAb

db3036 **Package : 20μL 50μL 100μL**

Product Name : 53BP1 Rabbit pAb
Cat.No.: db3036
Synonyms : TP53; p202; 53BP1; TDRD30; p53BP1
Application : WB, IHC, ICC/IF, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	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]
Immunogen	A synthetic peptide of human 53BP1
Gene ID	7158
Swiss Prot	Q12888
Synonyms	TP53; p202; 53BP1; TDRD30; p53BP1
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC
Recommended dilution	WB: 1:1000-1:2000 IHC: 1:20-1:50 ICC/IF: 1:20-1:50 FC: 1:20
Calculated MW	214 kDa
Observed MW	450 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.