

**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

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|--------------------------|---|
| <b>Purity</b>            | Affinity Purification   |
| <b>Conjugation</b>       | Un-conjugated   |
| <b>Storage Stability</b> | 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. |