

AP0861

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## Phospho-TP53BP1-T543 Rabbit pAb

Catalog No.: AP0861

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

214kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human

### 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.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

7158

#### Swiss Prot

Q12888

#### Immunogen

A synthetic phosphorylated peptide around T543 of human TP53BP1 (NP\_001135451.1).

#### Synonyms

p202; 53BP1; TDRD30; p53BP1; Phospho-TP53BP1-T543

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.