

AP0861

Leader in Biomolecular Solutions for Life Science



Phospho-TP53BP1-T543 Rabbit pAb

Catalog No.: AP0861

Basic Information

Observed MW

Refer to figures

Calculated MW

214kDa

Category

Mouse Monoclonal 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

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, pH 7.3.