

AAH009Hu01
Anti-Phosphorylated Tumor Protein p53 Binding Protein 1 (TP53BP1)
Polyclonal Antibody
Organism Species: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Antibody isotype: IgG

Specificity: Phospho-TP53BP1 (Ser1778) antibody detects endogenous levels of TP53BP1 only when phosphorylated at serine 1778.

Purification: Antigen-specific Affinity Chromatography.

Traits: Liquid

Concentration: 200µg/mL

UOM: 100µg

Applications: ICC; IHC-P; IHC-F; ELISA; IP; IF; FCM.

[IMMUNOGEN]

Immunogen: Synthetic Phosphopeptide Phospho-TP53BP1 (Ser1778)

Accession No.: MPH009Hu01

Sequence: The target peptide sequence is listed below.

TES_PQL RAGAGYILED FNEAQ

[APPLICATIONS]

Immunocytochemistry in formalin fixed cells: 5-30ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-30ug/ml

Immunohistochemistry in paraffin section: 5-30ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

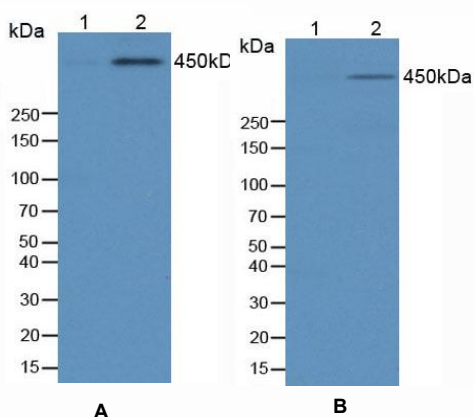


Figure 1. Western Blot

A. Sample: Human 293 Cells

Primary Ab:

Lane1: 2µg/mL Rabbit Anti-Human Phospho-TP53BP1 (Ser1778) Ab

Lane2: 2µg/mL Rabbit Anti-Human TP53BP1 Ab

B. Sample:

Lane1: Human 293 Cells, untreated

Lane2: Human 293 Cells, treated with NCS

Primary Ab: 2µg/mL Rabbit Anti-Human Phospho-TP53BP1 (Ser1778) Ab

Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig Anti-Rabbit Ab (Catalog: SAA544Rb59)