

PAA928Hu01

Polyclonal Antibody to Tumor Protein p53 (TP53)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 400µg/mL

UOM: 100µl

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant TP53 (Gly108~Lys370) expressed in *E.coli*

Accession No.: RPA928Hu01

[APPLICATIONS]

Western blotting: 0.5-2?g/mL;1:200-800

Immunohistochemistry: 5-20?g/mL;1:20-80

Immunocytochemistry: 5-20?g/mL;1:20-80

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]

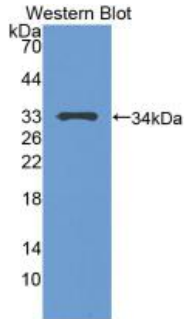
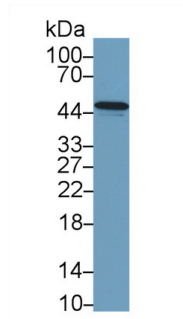
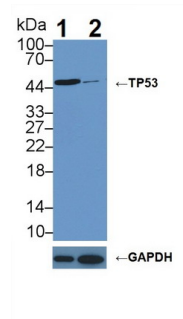


Figure 1. Western Blot; Sample: Recombinant TP53, Human.



Western Blot; Sample: Human MCF7 cell lysate;
 Primary Ab: 1µg/ml Rabbit Anti-Human TP53 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



Knockout Varification:
 Lane 1: Wild-type MCF7 cell lysate;
 Lane 2: TP53 knockout MCF7 cell lysate;
 Predicted MW: 24,30,33,34,38,39,44kDa
 Observed MW: 50kDa
 Primary Ab: 1µg/ml Rabbit Anti-Human TP53 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.