

# USP47 Rabbit pAb

Catalog No.: A15461 **1 Publications**

## Basic Information

### Observed MW

180kDa

### Calculated MW

157kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

## Background

Enables WD40-repeat domain binding activity and thiol-dependent deubiquitinase. Involved in several processes, including monoubiquitinated protein deubiquitination; negative regulation of G2/M transition of mitotic cell cycle; and negative regulation of nitrogen compound metabolic process. Located in cytoplasm. Part of SCF ubiquitin ligase complex.

## Recommended Dilutions

WB 1:200 - 1:2000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

55031

### Swiss Prot

Q96K76

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1128-1287 of human USP47 (NP\_060414.3).

### Synonyms

TRFP; USP47

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

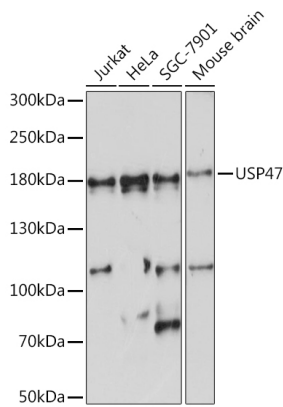
Affinity purification

### Storage

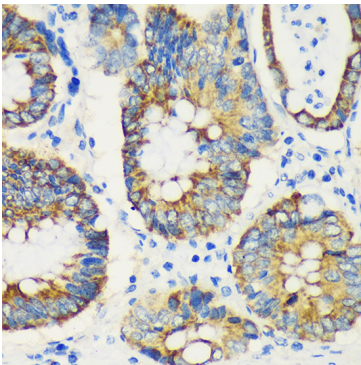
Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data



Western blot analysis of various lysates using USP47 Rabbit pAb (A15461) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using USP47 Rabbit pAb (A15461) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.