

# USP25 Rabbit mAb

Catalog No.: A23431 **Recombinant**

## Basic Information

### Observed MW

130kDa

### Calculated MW

122kDa/125kDa/129kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC60125

## Background

Ubiquitin (MIM 191339) is a highly conserved 76-amino acid protein involved in regulation of intracellular protein breakdown, cell cycle regulation, and stress response. Ubiquitin is released from degraded proteins by disassembly of the polyubiquitin chains, which is mediated by ubiquitin-specific proteases (USPs), such as USP25 (Valero et al., 1999 [PubMed 10644437]).

## Recommended Dilutions

WB 1:2000 - 1:6000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

29761

### Swiss Prot

Q9UHP3

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human USP25. (NP\_037528.3).

### Synonyms

USP21; USP25

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

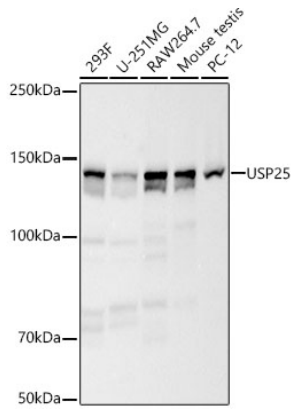
Affinity purification

### Storage

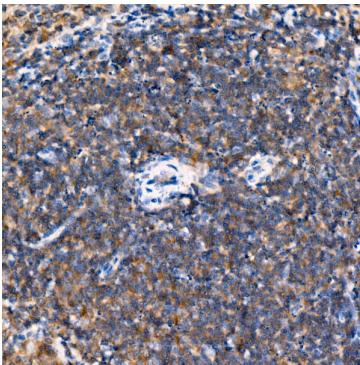
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

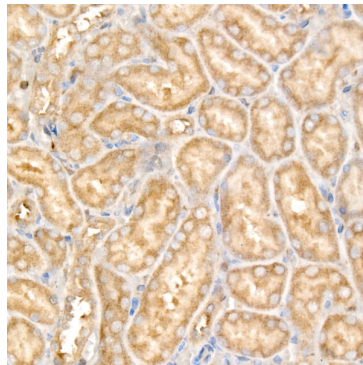
## Validation Data



Western blot analysis of various lysates, using USP25 Rabbit mAb (A23431) at 1:5000 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 Mouse spleen using USP25 Rabbit mAb (A23431) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using USP25 Rabbit mAb (A23431) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.