

# UBA6 Rabbit pAb

Catalog No.: A7511

## Basic Information

### Observed MW

59kDa, 118kDa

### Calculated MW

118kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC, IP

### Cross-Reactivity

Human, Mouse

## Background

Modification of proteins with ubiquitin (UBB; MIM 191339) or ubiquitin-like proteins controls many signaling networks and requires a ubiquitin-activating enzyme (E1), a ubiquitin conjugating enzyme (E2), and a ubiquitin protein ligase (E3). UBE1L2 is an E1 enzyme that initiates the activation and conjugation of ubiquitin-like proteins (Jin et al., 2007 [PubMed 17597759]).

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

55236

### Swiss Prot

A0AVT1

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human UBA6 (NP\_060697.4).

### Synonyms

E1-L2; MOP-4; UBE1L2; UBA6

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

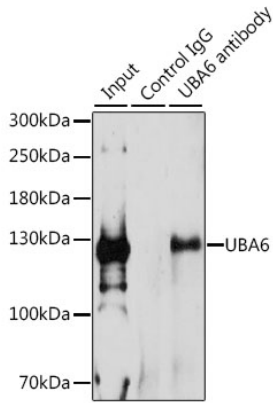
Affinity purification

### Storage

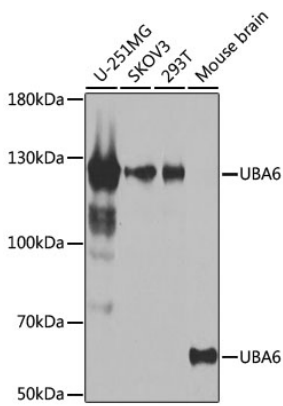
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

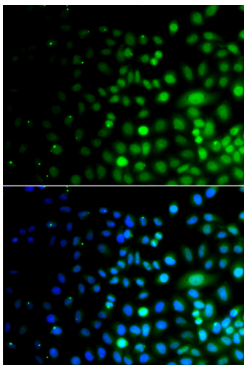
## Validation Data



Immunoprecipitation analysis of 200  $\mu$ g extracts of 293T cells, using 3  $\mu$ g UBA6 antibody (A7511). Western blot was performed from the immunoprecipitate using UBA6 antibody (A7511) at a dilution of 1:1000.



Western blot analysis of various lysates using UBA6 Rabbit pAb (A7511) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of A549 cells using UBA6 Rabbit pAb (A7511). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.