

# USP8 Rabbit Polyclonal Antibody



CAB7031

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

131kDa

### Calculated MW:

115kDa/127kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene encodes a protein that belongs to the ubiquitin-specific processing protease family of proteins. The encoded protein is thought to regulate the morphology of the endosome by ubiquitination of proteins on this organelle and is involved in cargo sorting and membrane trafficking at the early endosome stage. This protein is required for the cell to enter the S phase of the cell cycle and also functions as a positive regulator in the Hedgehog signaling pathway in development. Pseudogenes of this gene are present on chromosomes 2 and 6. Alternate splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

9101

### Uniprot

P40818

### Synonyms:

USP8; HumORF8; SPG59; UBPY

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

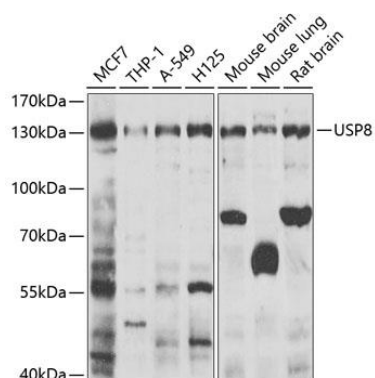
Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human USP8 (NP\_005145.3).

### Storage:

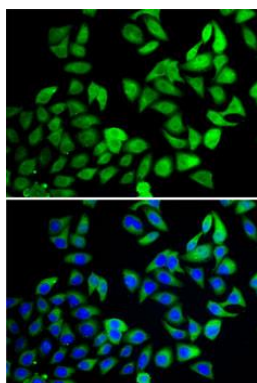
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using USP8 antibody (CAB7031) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunofluorescence analysis of A-549 cells using USP8 antibody (CAB7031). Blue: DAPI for nuclear staining.