

# P4HA3 Rabbit Polyclonal Antibody



CAB13767

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

61kDa

### Calculated MW:

28kDa/61kDa/67kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

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

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

283208

### Uniprot

Q7Z4N8

### Synonyms:

P4HA3

### Immunogen:

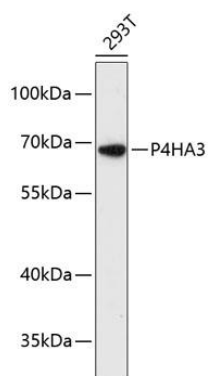
Recombinant fusion protein containing a sequence corresponding to amino acids 20-110 of human P4HA3 (NP\_878907.1).

### Storage:

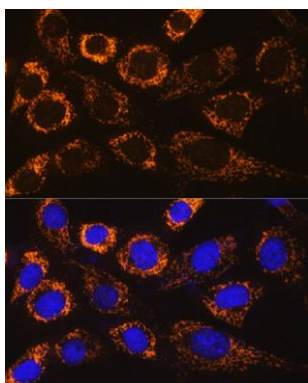
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of 293T cells, using P4HA3 antibody (CAB13767) at 1:3000 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: 90s.



Immunofluorescence analysis of NIH/3T3 cells using P4HA3 Rabbit pAb (CAB13767) at dilution of 1:100. Blue: DAPI for nuclear staining.