

## P4HA3 Polyclonal Antibody

**Catalog No.** E-AB-64821

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

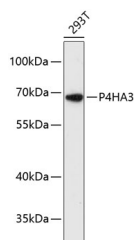
### Description

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| <b>Reactivity</b>   | Human,Mouse,Rat                                          |
| <b>Immunogen</b>    | Recombinant fusion protein of human P4HA3 (NP_878907.1). |
| <b>Host</b>         | Rabbit                                                   |
| <b>Isotype</b>      | IgG                                                      |
| <b>Purification</b> | Affinity purification                                    |
| <b>Conjugation</b>  | Unconjugated                                             |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.        |

### Applications Recommended Dilution

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

### Data



Western blot analysis of extracts of 293T cells using P4HA3 Polyclonal Antibody at dilution of 1:3000.

**Observed Mw:61kDa**

**Calculated Mw:28kDa/61kDa/67kDa**

### Preparation & Storage

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

### 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.

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