

A22150

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## P4HA2 Rabbit mAb

Catalog No.: A22150

Recombinant

1 Publications

### Basic Information

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#### Observed MW

61 kDa

#### Calculated MW

61 kDa

#### Category

Monoclonal Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Human

#### CloneNo number

ARC54912

### Recommended Dilutions

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**WB** 1:2000 - 1:20000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Contact

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### Background

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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. Alternatively spliced transcript variants encoding different isoforms have been described.

### Immunogen Information

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#### Gene ID

8974

#### Swiss Prot

O15460

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

#### Synonyms

MYP25; lncRNA-PE; P4HA2

### Product Information

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#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

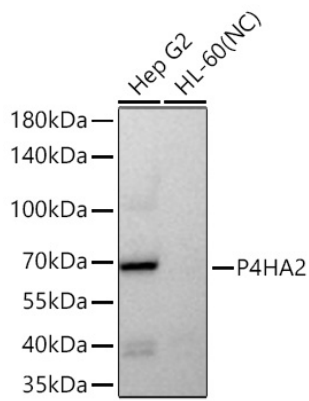
#### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using P4HA2 Rabbit mAb (A22150) at 1:5000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Negative control (NC): HL-60.

Exposure time: 90 s.