

P4HA1

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 61kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human P4HA1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

P4HA;

Catalog #: A3999

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5033

Isotype: IgG

Swiss Prot: P13674

Purity: Affinity purification

For research use only.

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

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