

A3999

Leader in Biomolecular Solutions for Life Science



P4HA1 Rabbit pAb

Catalog No.: A3999

1 Publications

Basic Information

Observed MW

61kDa

Calculated MW

61kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

5033

Swiss Prot

P13674

Immunogen

A synthetic peptide of human P4HA1

Synonyms

P4HA; P4HA1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

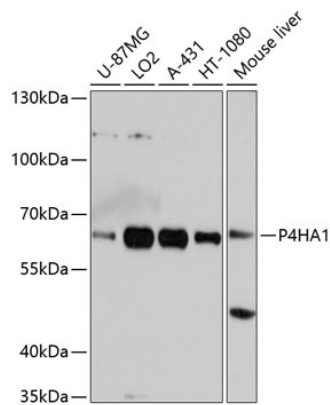
Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, pH 7.3.

Validation Data



Western blot analysis of various lysates using P4HA1 Rabbit pAb (A3999) at 1:1000 dilution.

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.