

P4HA1 Polyclonal Antibody

Catalog No: #27468



Package Size: #27468-1 50ul #27468-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

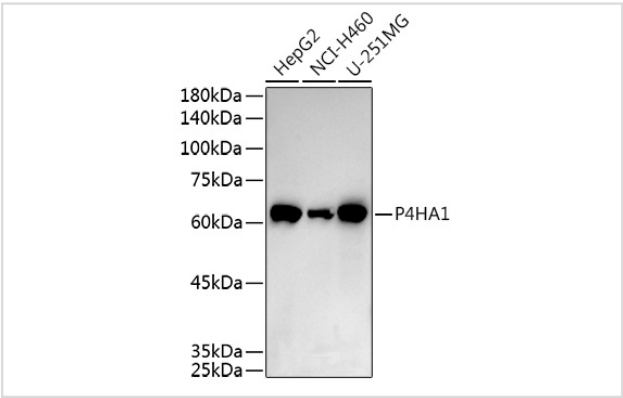
Description

Product Name	P4HA1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human P4HA1 (NP_001017962.1).
Conjugates	Unconjugated
Other Names	P4HA1;P4HA
Accession No.	Uniprot:P13674GenelD:5033
Calculated MW	61kDa
SDS-PAGE MW	61KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

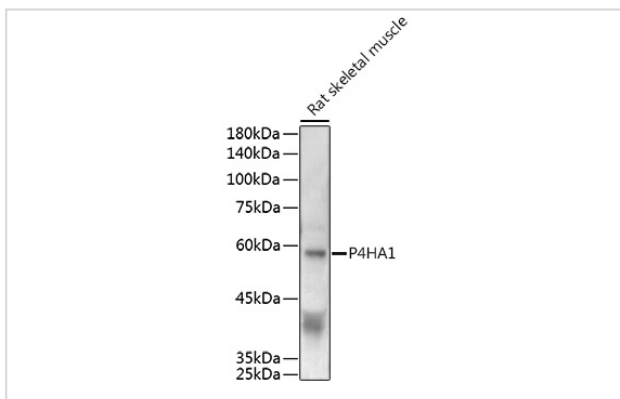
Application Details

WB□1:1000 - 1:2000IF□1:50 - 1:200

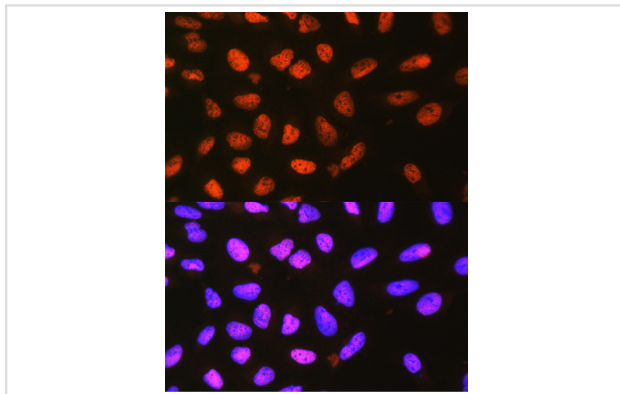
Images



Western blot analysis of extracts of various cell lines, using P4HA1 antibody.



Western blot analysis of extracts of Rat skeletal muscle, using P4HA1 antibody.



Immunofluorescence analysis of L929 cells using P4HA1 Rabbit pAb.

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.

Published Papers

el at., An algorithm-based meta-analysis of genome- and proteome-wide data identifies a combination of potential plasma biomarkers for colorectal cancer. In Sci Rep on 2019 Oct 30 by Gawel DR, Lee EJ,et al..PMID:31666584, , (2019)

[PMID:31666584](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.