

Datasheet for ABIN2788989

**anti-P4HA1 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	P4HA1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Pig, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P4HA1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	TKKLLELDPE HQRANGNLKY FEYIMAKEKD VNKSASDDQS DQKTTPKKKG
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against P4HA1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	P4HA1
Alternative Name:	P4HA1 ( <a href="#">P4HA1 Products</a> )
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

## Target Details

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.

Alias Symbols: P4HA

Protein Interaction Partner: IRS4, UBC, WWOX, HDAC10, UBL4A, CFTR, CUL3, ELAVL1, CDK9, IRF7, EBNA-LP, SMN1, MYC,

Protein Size: 534

Molecular Weight: 59 kDa

Gene ID: 5033

NCBI Accession: [NM\\_000917](#), [NP\\_000908](#)

UniProt: [P13674](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 534 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

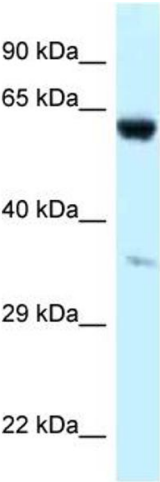
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-P4HA1 Antibody  
Catalog Number: ARP62016  
Lot Number: QC32797  
Lane: 293T Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting

Image 1.