

Rabbit P4HA1 Polyclonal Antibody | anti-P4HA1 antibody

P4HA1 antibody - middle region

CATALOG # AAA201124	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rat	APPLICATIONS Western Blot
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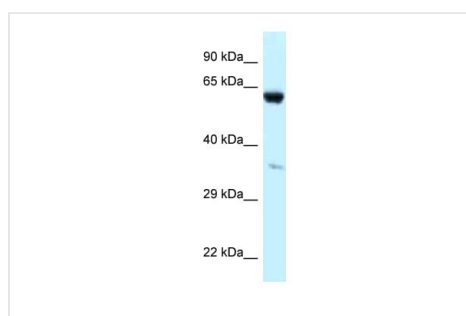
PRODUCT SYNONYMS

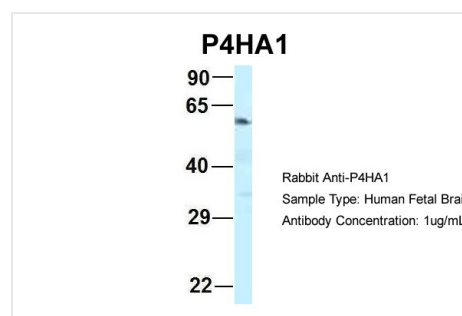
P4HA1; Polyclonal Antibody; P4HA1 antibody - middle region; anti-P4HA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TK KLELDPEHQ RANGNLKYFE YIMAKEKDVN KSASDDQSDQ KTTPKKKG
Sequence Length	534
Applicable Applications for anti-P4HA1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 86%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-P4HA1 Antibody Titration: 1.0 ug/ml
Positive Control: 293T Whole Cell
P4HA1 is supported by BioGPS gene expression data to be expressed in HEK293T

WB (Western Blot)

Host: Rabbit
Target Name: P4HA1
Sample Type: Human Fetal Brain
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-P4HA1 antibody	This is a rabbit polyclonal antibody against P4HA1. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-P4HA1 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	63252886
NCBI GeneID	5033
NCBI Accession #	NP_000908
NCBI GenBank Nucleotide #	NM_000917
UniProt Accession #	P13674
Molecular Weight	59kDa
NCBI Official Full Name	prolyl 4-hydroxylase subunit alpha-1 isoform 1
NCBI Official Synonym Full Names	prolyl 4-hydroxylase subunit alpha 1
NCBI Official Symbol	P4HA1
NCBI Official Synonym Symbols	P4HA
NCBI Protein Information	prolyl 4-hydroxylase subunit alpha-1
UniProt Protein Name	Prolyl 4-hydroxylase subunit alpha-1
UniProt Gene Name	P4HA1
UniProt Synonym Gene Names	P4HA; 4-PH alpha-1
UniProt Entry Name	P4HA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.