

Goat P4HA1 Polyclonal Antibody | anti-P4HA1 antibody

Goat Polyclonal to Human P4HA1

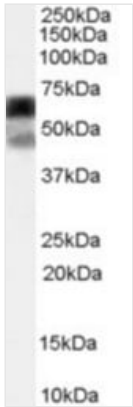
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50914	Goat	Human, Monkey, Bat, Bovine, Dog, Horse, Pig, Rabbit, Chicken (tested or 100% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

P4HA1; Polyclonal Antibody; Goat Polyclonal to Human P4HA1; Anti-P4HA1 Antibody (Internal) IHC-plus; 4-PH alpha-1; C-P4Halpha(I); p4HA; p4HA1; Human P4HA1; anti-P4HA1 antibody

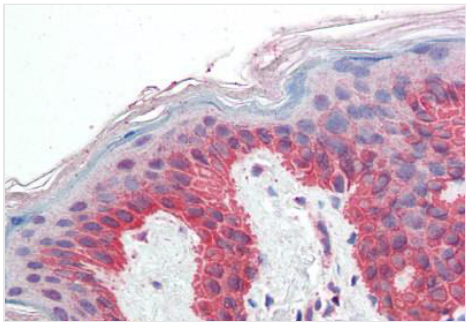
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Monkey, Bat, Bovine, Dog, Horse, Pig, Rabbit, Chicken (tested or 100% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human P4HA1. This antibody is expected to recognise both reported isoforms (NP_000908.2 and NP_001017962.1).
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	534
Applicable Applications for anti-P4HA1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen	P4HA1 antibody was raised against synthetic peptide C-DFARKDEPDFAFKE from an internal region of human P4HA1 (NP_000908.2; NP_001017962.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Marmoset, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig, Turkey, Chicken, Platypus, Lizard (100%); Mouse, Rat, Hamster, Opossum, Salmon, Stickleback, Pufferfish, Zebrafish (92%).
Immunogen Type	Synthetic peptide
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



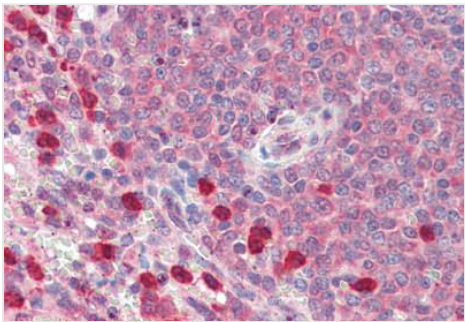
WB (Western Blot)

Antibody (0.2 ug/ml) staining of HEK293 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-P4HA1 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-P4HA1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	63252886
NCBI GeneID	5033
NCBI Accession #	NP_000908.2
NCBI GenBank Nucleotide #	NM_000917.3
UniProt Accession #	P13674; Q15082; Q15083; Q5VSQ5; C9JL12
Molecular Weight	58,958 Da
NCBI Official Full Name	prolyl 4-hydroxylase subunit alpha-1 isoform 1
NCBI Official Synonym Full Names	prolyl 4-hydroxylase, alpha polypeptide I
NCBI Official Symbol	P4HA1
NCBI Official Synonym Symbols	P4HA
NCBI Protein Information	prolyl 4-hydroxylase subunit alpha-1; C-P4Halpha(I); collagen prolyl 4-hydroxylase alpha(I); procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-1; procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I
UniProt Protein Name	Prolyl 4-hydroxylase subunit alpha-1
UniProt Gene Name	P4HA1
UniProt Synonym Gene Names	P4HA; 4-PH alpha-1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p4ha1-antibody-western-blot-immunohistochemistry-elisa/50914>