

Rabbit anti-Human P4HA2 Monoclonal Antibody | anti-P4HA2 antibody

P4HA2 Rabbit mAb

CATALOG # AAA282935	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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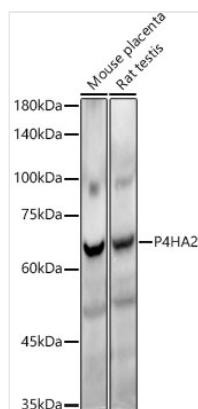
PRODUCT SYNONYMS

P4HA2; Monoclonal Antibody; P4HA2 Rabbit mAb; MYP25; lncRNA-PE; anti-P4HA2 antibody

PRODUCT SPECIFICATIONS

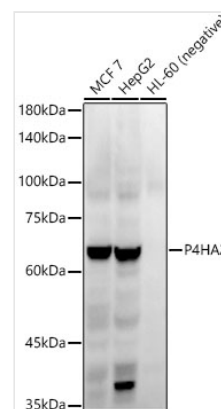
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GTKYQAMLSV DDCFGMGRSA YNEGDDYYHTV LWMEQVLKQL DAGEEATTTK SQVLDYLSYA VFQLGDLHRA LELTRRLSL DPSHERAGGN LRYFEQLLEE EREKLTNQT EAELATPEGI YERPVDYLPE RDVYESLCRG EGVKLTPIRRQ KRLFCRYHHG NRAPQLLIAP FKEEDEW
Applicable Applications for anti-P4HA2 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 157-333 of human P4HA2 (NP_004190.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using P4HA2 Rabbit mAb (AAA282935) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates, using P4HA2 Rabbit mAb (AAA282935) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-P4HA2 antibody	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-P4HA2 antibody	Cancer; Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Extracellular Matrix; Endocrine Metabolism; Amino acid metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	217272863
NCBI GeneID	8974
NCBI Accession #	NP_001136071.1
NCBI GenBank Nucleotide #	NM_001142599.1
UniProt Accession #	O15460; Q8WWN0; D3DQ85; D3DQ86
Molecular Weight	Calculated MW: 61kDa Observed MW: 61kDa
UniProt Protein Name	Prolyl 4-hydroxylase subunit alpha-2
UniProt Gene Name	P4HA2
UniProt Synonym Gene Names	4-PH alpha-2
UniProt Entry Name	P4HA2_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p4ha2-antibody-western-blot-elisa/282935>