

Rabbit anti-Human, Mouse P4HTM Polyclonal Antibody | anti-P4HTM antibody

P4HTM antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304380	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

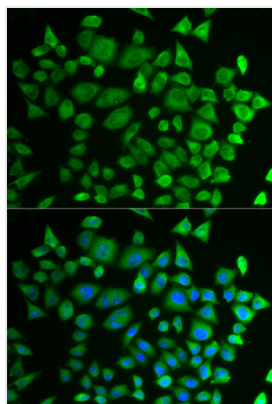
PRODUCT SYNONYMS

P4HTM; Polyclonal Antibody; P4HTM antibody; PH4; PH-4; PHD4; EGLN4; HIFPH4; P4H-TM; anti-P4HTM antibody

PRODUCT SPECIFICATIONS

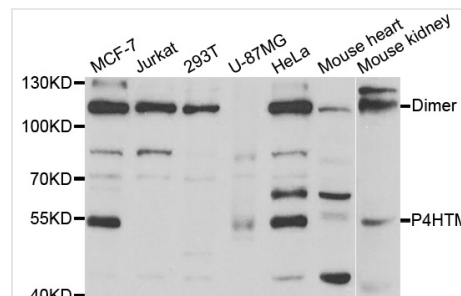
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total P4HTM antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	563
Applicable Applications for anti-P4HTM antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human P4HTM.
Target Name	P4HTM
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using P4HTM antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using P4HTM antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-P4HTM antibody	The product of this gene belongs to the family of prolyl 4-hydroxylases. This protein is a prolyl hydroxylase that may be involved in the degradation of hypoxia-inducible transcription factors under normoxia. It plays a role in adaptation to hypoxia and may be related to cellular oxygen sensing. Alternatively spliced variants encoding different isoforms have been identified.
Product Categories/Family for anti-P4HTM antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	64085083
NCBI GeneID	54681
NCBI Accession #	NP_808807.2
NCBI GenBank Nucleotide #	NM_177938.2
UniProt Accession #	Q9NXG6; Q6PAG6; Q8TCJ9; Q8WV55; Q96F22; Q9BW77
Molecular Weight	63,112 Da
NCBI Official Full Name	transmembrane prolyl 4-hydroxylase isoform c
NCBI Official Synonym Full Names	prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum)
NCBI Official Symbol	P4HTM
NCBI Official Synonym Symbols	PH4; PH-4; PHD4; EGLN4; HIFPH4; P4H-TM
NCBI Protein Information	transmembrane prolyl 4-hydroxylase
UniProt Protein Name	Transmembrane prolyl 4-hydroxylase
UniProt Gene Name	P4HTM
UniProt Synonym Gene Names	PH4; P4H-TM; HIF-PH4; HIF-prolyl hydroxylase 4; HPH-4
UniProt Entry Name	P4HTM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/p4htm-antibody-immunofluorescence-western-blot-elisa/304380>