

P4H-TM recombinant antibody

Recombinant Anti-P4H-TM Rabbit mAb

CATALOG # AAA266286	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

P4H-TM; Monoclonal Recombinant Antibody; Recombinant Anti-P4H-TM Rabbit mAb; PH4; Transmembrane prolyl 4-hydroxylase; Hypoxia-inducible factor prolyl hydroxylase 4; HIF-PH4; HIF-prolyl hydroxylase 4; HPH-4; P4H-TM recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of P4H-TM protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for P4H-TM recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human P4H-TM. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of P4H-TM staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



WB (Western Blot)

Western blot analysis of P4H-TM expression in HEK293T (A), MCF7 (B) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 47 kD)

ADDITIONAL INFORMATION

Related Product Information for P4H-TM recombinant antibody	Recombinant rabbit monoclonal antibody to P4H-TM
Product Categories/Family for P4H-TM recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	64085083
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NCBI GeneID	54681
NCBI Accession #	NP_808807
NCBI GenBank Nucleotide #	NM_177938
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; HIF-PH4; HIF-prolyl hydroxylase 4; HPH-4; P4H with transmembrane domain; Prolyl hydroxylase domain-containing 4; hypoxia inducible factor prolyl 4 hydroxylase; hypoxia-inducible factor prolyl 4-hydroxylase; hypoxia-induc
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p4h-tm-recombinant-antibody-immunohistochemistry-western-blot-elisa/266286>