

Datasheet for ABIN759530

anti-P4HTM antibody (AA 201-300) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	P4HTM
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P4HTM antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HIFPH4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	P4HTM
Alternative Name:	HPH4 (P4HTM Products)
Background:	Synonyms: EGLN4, H prolyl hydroxylase PH4, H-PH4, H-prolyl hydroxylase 4, HPH4, HPH-4,

Target Details

Hypoxia inducible factor prolyl 4 hydroxylase, Hypoxia inducible factor prolyl hydroxylase, Hypoxia-inducible factor prolyl hydroxylase 4, P4H TM, P4H with transmembrane domain, P4H-TM, P4htm, P4HTM_HUMAN, PH 4, PH4, PHD4, Proline 4 hydroxylase, Prolyl 4 hydroxylase transmembrane endoplasmic reticulum, Prolyl hydroxylase domain containing 4, Transmembrane prolyl 4-hydroxylase.

Background: Catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF1A at 'Pro-402' and 'Pro-564'. May function as a cellular oxygen sensor and, under normoxic conditions, may target HIF through the hydroxylation for proteasomal degradation via the von Hippel-Lindau ubiquitination complex.

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months