

Datasheet for ABIN2787378

anti-P4HTM antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	P4HTM
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P4HTM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PH-4
Sequence:	GHYHAHVDSG PVYPETICSH TKLVANESVP FETSCRYMTV LFYLNNTGG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against PH-4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	P4HTM
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Target Details

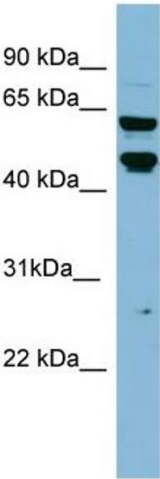
Alternative Name:	PH-4 (P4HTM Products)
Background:	The product of this gene belongs to the family of prolyl 4-hydroxylases. This protein is a prolyl hydroxylase that may be involved in the degradation of hypoxia-inducible transcription factors under normoxia. It plays a role in adaptation to hypoxia and m Alias Symbols: P4H-TM, PH4, PH-4, PHD4, EGLN4, HIFPH4 Protein Interaction Partner: GLP1R, PDIA2, nef, UBC, CD1D, Protein Size: 502
Molecular Weight:	57 kDa
Gene ID:	54681
NCBI Accession:	NM_177939 , NP_808808
UniProt:	Q9NXG6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 502 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PH-4 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: HT1080 cell lysate