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Datasheet for ABIN910918

anti-P4HTM antibody (AA 201-300) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	P4HTM
Binding Specificity:	AA 201-300
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P4HTM antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PH-4
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	P4HTM
Alternative Name:	P4htm (P4HTM Products)

Target Details

Background:	<p>Synonyms: Transmembrane prolyl 4-hydroxylase, Proline hydrolase 4, proline 4-hydroxylase, P4htm, hypoxia-inducible factor prolyl 4-hydroxylase, P4H-TM, H-prolyl hydroxylase PH-4, P4HTM_HUMAN, Hypoxia-inducible factor prolyl hydroxylase 4, H-PH4, H-prolyl hydroxylase 4, HPH-4, transmembrane prolyl 4-hydroxylase isoform a, P4HTM, EGLN4, HPH4, P4H-TM, PH-4, PH4, PHD4, P4H with transmembrane domain, Prolyl hydroxylase domain-containing 4, hypoxia inducible factor prolyl 4 hydroxylase, H-prolyl hydroxylase 4.</p> <p>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 may be related to cellular oxygen sensing. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008].</p>
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months