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Datasheet for ABIN735673  
**anti-P4HTM antibody (AA 201-300) (Cy5.5)**

## 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 Cy5.5
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 ( <a href="#">P4HTM Products</a> )

## Target Details

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**Background:** 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.

**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].

## Application Details

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**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

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**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