

Datasheet for ABIN7449275
anti-P4HTM antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	P4HTM
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P4HTM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-PHD4 Antibody, Affinity Purified
Immunogen:	between AA 450 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	P4HTM
Alternative Name:	PHD4 (P4HTM Products)
Background:	Background: PHD4 is one of 4 PHD (PHD1-4) enzymes that function as oxygen sensors and are responsible for the post-translational modification of HIF-1alpha, a component of a

Target Details

transcriptional complex involved in oxygen homeostasis. During normoxic levels, PHDs catalyze the hydroxylation of prolyl residues on HIF-1alpha and target it for proteasomal degradation via the von Hippel-Lindau ubiquitination complex. The PHD isoforms appear to function in a non-redundant manner and may differ in their expression patterns and their catalytic selectivity.

Gene ID: 54681

NCBI Accession: [NP_808808](#)

UniProt: [Q9NXG6](#)

Application Details

Application Notes: 1:500 - 1:2,500

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months