

HIF Prolyl Hydroxylases Rabbit mAb

Catalog No: #57046

Package Size: #57046-1 50ul #57046-2 100ul

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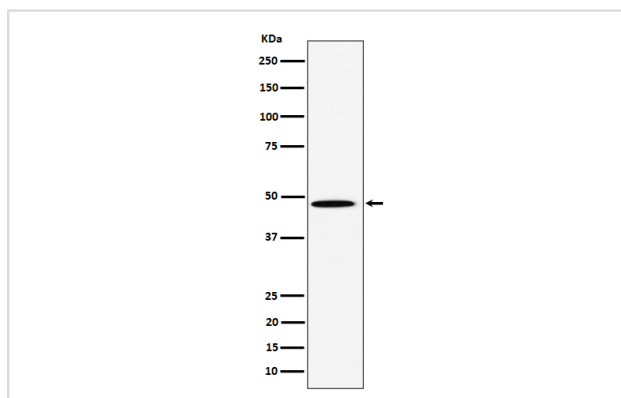
Description

Product Name	HIF Prolyl Hydroxylases Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC IP FC
Species Reactivity	Human
Specificity	HIF Prolyl Hydroxylases Antibody detects endogenous levels of total HIF Prolyl Hydroxylases
Immunogen Description	A synthesized peptide derived from human HIF Prolyl Hydroxylases
Other Names	EGLN4 ; HIFPH4; Hypoxia inducible factor prolyl 4 hydroxylase; P4H with transmembrane domain; P4htm; PH4; PHD4; Proline 4 hydroxylase; Prolyl hydroxylase domain containing 4;
Accession No.	Uniprot:Q9NXG6
Calculated MW	47kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:2000IHC:1:50~1:200IP:1:50FC:1:50

Images



Western blot analysis of HIF Prolyl Hydroxylases expression in HeLa cell lysate.

Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.