

HIF Prolyl Hydroxylases Rabbit mAb
Catalog # AP76526**Specification**

HIF Prolyl Hydroxylases Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	Q9NXG6
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	56661

HIF Prolyl Hydroxylases Rabbit mAb - Additional Information**Gene ID** 54681**Other Names**
P4HTM**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IP~~N/A**Format**
Liquid**HIF Prolyl Hydroxylases Rabbit mAb - Protein Information****Name** P4HTM**Synonyms** PH4**Function**

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.

Cellular Location

Endoplasmic reticulum membrane; Single-pass type II membrane protein

Tissue Location

Widely expressed with highest levels in adult pancreas, heart, skeletal muscle, brain, placenta, kidney and adrenal gland. Expressed at lower levels in epiphyseal cartilage and in fibroblasts.

HIF Prolyl Hydroxylases Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HIF Prolyl Hydroxylases Rabbit mAb - Images

