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**Product Name: HIF Prolyl Hydroxylases Rabbit Monoclonal antibody****Catalog #: AMRe03024**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	0.15mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 57 kDa; Observed MW: 43 kDa

**Antigen Information**

<b>Gene Name</b>	P4HTM
<b>Alternative Names</b>	PH4; PH-4; PHD4; EGLN4; HIDEA; HIFPH4; P4H-TM
<b>Gene ID</b>	54681
<b>SwissProt ID</b>	Q9NXG6
<b>Immunogen</b>	A synthetic peptide of human HIF Prolyl Hydroxylases

**Background**

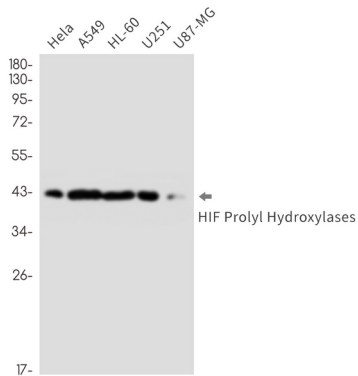
The product of this gene belongs to the family of prolyl 4-hydroxylases. This protein is a prolyl hydroxylase that may be involved in the degradation of hypoxia-inducible transcription factors under normoxia. It plays a role in adaptation to hypoxia

and may be related to cellular oxygen sensing. Alternatively spliced variants encoding different isoforms have been identified.

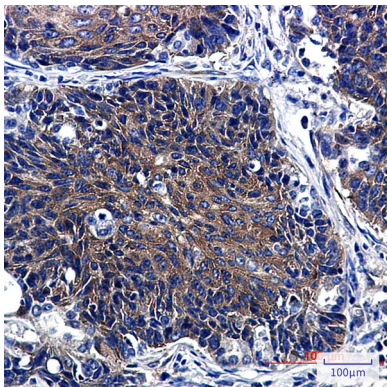
## Research Area

Cardiovascular

## Image Data



Western blot analysis of HIF Prolyl Hydroxylases in HeLa, A549, HL-60, U251, U87-MG lysates using HIF Prolyl Hydroxylases antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using HIF Prolyl Hydroxylases antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.