

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

Summary

Production Name	HIF Prolyl Hydroxylases Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	P4HTM
Alternative Names	PH4; PH-4; PHD4; EGLN4; HIDEA; HIFPH4; P4H-TM
Gene ID	54681
SwissProt ID	Q9NXG6

Application

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

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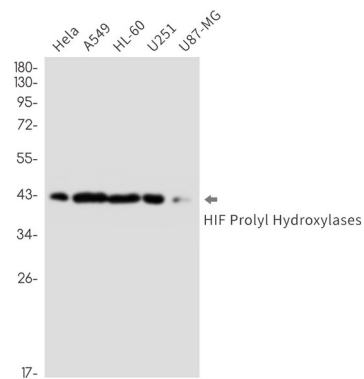
Background

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.

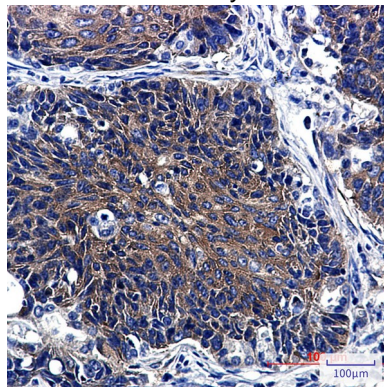
Research Area

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.

Note

For research use only.