
Product Name: HIF1AN Rabbit Monoclonal Antibody**Catalog #: AMRe84314**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.71mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100
Molecular Weight	40 kDa

Antigen Information

Gene Name	HIF1AN
Alternative Names	FIH 1; FIH1; HIF1AN;;HIF 1 alpha inhibitor
Gene ID	
SwissProt ID	Q9NWT6
Immunogen	A synthesized peptide derived from human HIF 1 alpha inhibitor

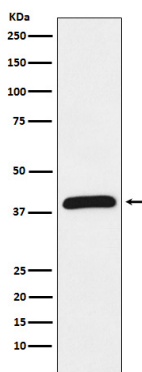
Background

Hydroxylates HIF-1 alpha at 'Asn-803' in the C-terminal transactivation domain (CAD). Functions as an oxygen sensor and, under normoxic conditions, the hydroxylation prevents interaction of HIF-1 with transcriptional coactivators including

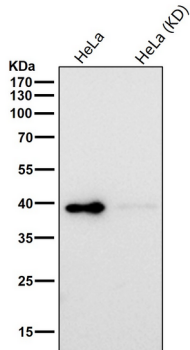
Cbp/p300-interacting transactivator. Involved in transcriptional repression through interaction with HIF1A, VHL and histone deacetylases. Hydroxylates specific Asn residues within ankyrin repeat domains (ARD) of NFKB1, NFKBIA, NOTCH1, ASB4, PPP1R12A and several other ARD-containing proteins.

Research Area

Image Data



Western blot analysis of HIF1AN expression in Jurkat cell lysate.



All lanes use the Antibody at 1:1k dilution for 1 hour at room temperature.