

Rabbit HIF1AN Polyclonal Antibody | anti-HIF1AN antibody

HIF1AN Polyclonal Antibody

CATALOG # AAA166725	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

HIF1AN; Polyclonal Antibody; HIF1AN Polyclonal Antibody; FIH1; anti-HIF1AN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.5mg/mL (varies by lot)
Sequence Length	349
Applicable Applications for anti-HIF1AN antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human HIF1AN
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HIF1AN Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using HIF1AN Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-HIF1AN antibody

Hypoxia-inducible factor 1-alpha inhibitor is a protein that in humans is encoded by the HIF1AN gene. Hydroxylates HIF-1 alpha at 'Asp-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

NCBI AND UNIPROT INFORMATION

NCBI GI #	32129605
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NCBI GeneID	55662
Molecular Weight	40,285 Da
NCBI Official Full Name	Hypoxia-inducible factor 1-alpha inhibitor
NCBI Official Synonym Full Names	hypoxia inducible factor 1, alpha subunit inhibitor
NCBI Official Symbol	HIF1AN
NCBI Official Synonym Symbols	FIH1
NCBI Protein Information	hypoxia-inducible factor 1-alpha inhibitor; FIH-1; factor inhibiting HIF-1; factor inhibiting HIF1; hypoxia-inducible factor asparagine hydroxylase; peptide-aspartate beta-dioxygenase
UniProt Protein Name	Hypoxia-inducible factor 1-alpha inhibitor
UniProt Gene Name	HIF1AN
UniProt Synonym Gene Names	FIH1; FIH-1
UniProt Entry Name	HIF1N_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hif1an-antibody-immunohistochemistry-elisa/166725>