

Rabbit HIF1AN Polyclonal Antibody | anti-HIF1AN antibody

HIF1AN Polyclonal Antibody

CATALOG # AAA166800	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	--	--

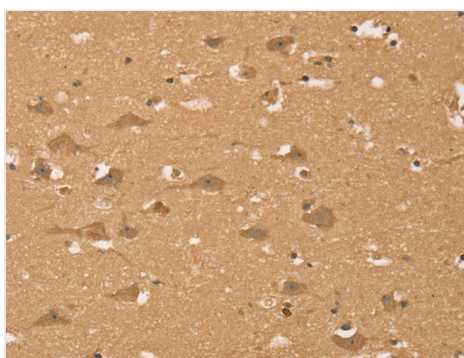
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

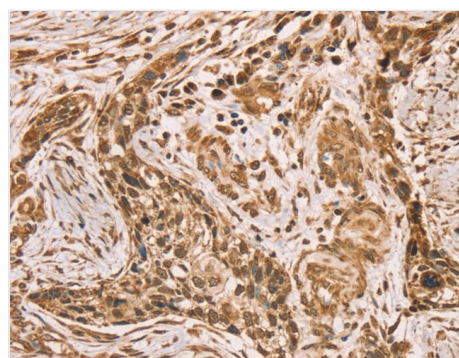
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.7mg/mL (varies by lot)
Sequence Length	349
Applicable Applications for anti-HIF1AN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic 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



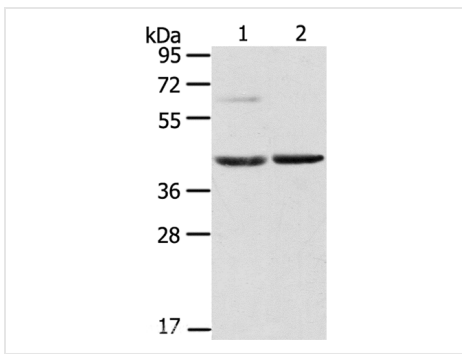
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using HIF1AN Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using HIF1AN Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of Mouse brain and liver tissue using HIF1AN Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-HIF1AN antibody

Factor inhibiting HIF-1 (FIH-1) exists as a homodimer and binds to HIF-1alpha. Specifically, FIH-1 operates as an asparaginyl hydroxylase. It catalyzes the hydroxylation of the beta-carbon of Asparagine residue 803 within the carboxy terminal transactivation domain of HIF-1alpha. This hydroxylation event blocks the association of HIF-1alpha with co-activators. FIH-1 also binds to von Hippel-Lindau (VHL) tumor suppressor protein, which represses transcriptional activity of HIF-1alpha. In transiently transfected human osteosarcoma cells, FIH-1 localizes to the cytoplasm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32129605
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/hif1an-antibody-immunohistochemistry-western-blot-elisa/166800>