

Rabbit anti-Human, Mouse HIF3A Polyclonal Antibody | anti-HIF3A antibody

HIF3A Antibody

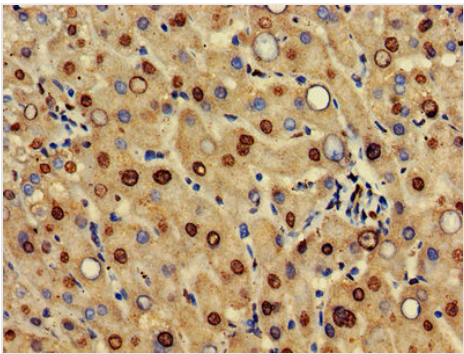
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233460	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

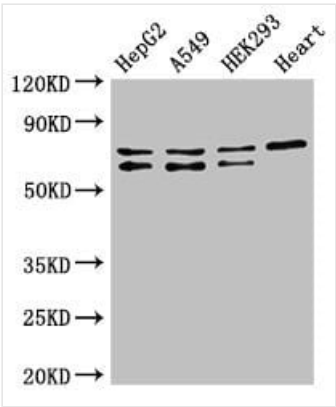
HIF3A; Polyclonal Antibody; HIF3A Antibody; Hypoxia-inducible factor 3-alpha1; Basic-helix-loop-helix-PAS protein MOP7; Class E basic helix-loop-helix protein 17; bHLHe17; HIF3-alpha-1; Inhibitory PAS domain protein; IPAS; Member of PAS protein 7; PAS domain-containing protein 7; anti-HIF3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	600
Applicable Applications for anti-HIF3A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Hypoxia-inducible factor 3-alpha protein (516-669AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



IHC (Immunohistochemistry)
IHC image of AAA233460 diluted at 1:500 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: HepG2 whole cell lysate,A549 whole cell lysate,HEK293 whole cell lysate,Mouse heart tissueAll lanes: HIF3A antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 73,69,40,67,63,65 KDaObserved band size: 73,69 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-HIF3A antibody	Acts as a transcriptional regulator in adaptive response to low oxygen tension. Acts as a regulator of hypoxia-inducible gene expression (PubMed:11573933, PubMed:16126907, PubMed:19694616, PubMed:20416395, PubMed:21069422). Functions as an inhibitor of angiogenesis in hypoxic cells of the cornea. Plays a role in the development of the cardiorespiratory system. May also be involved in apoptosis (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	326807022
NCBI GeneID	64344
NCBI Accession #	NP_071907.4
NCBI GenBank Nucleotide #	NM_022462.4
UniProt Accession #	Q9Y2N7; Q58A43; Q66K72; Q8WXA1; Q96K34; Q9H7Z9; Q9HAI2; B0M185; B4DNA2; I6L988
Molecular Weight	64,359 Da
NCBI Official Full Name	hypoxia-inducible factor 3-alpha isoform b
NCBI Official Synonym Full Names	hypoxia inducible factor 3 alpha subunit
NCBI Official Symbol	HIF3A
NCBI Official Synonym Symbols	IPAS; MOP7; PASD7; HIF-3A; bHLHe17; HIF3-alpha-1
NCBI Protein Information	hypoxia-inducible factor 3-alpha
UniProt Protein Name	Hypoxia-inducible factor 3-alpha
UniProt Gene Name	HIF3A
UniProt Synonym Gene Names	HIF3-alpha; bHLHe17; IPAS

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.