

Rabbit anti-Human, Mouse HIF3A / HIF3-Alpha Polyclonal Antibody | anti-HIF3A antibody

Rabbit Polyclonal to Mouse HIF3A / HIF3-Alpha

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50777	Rabbit	Human, Mouse	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

HIF3A / HIF3-Alpha; Polyclonal Antibody; Rabbit Polyclonal to Mouse HIF3A / HIF3-Alpha; Anti-HIF3A / HIF3-Alpha Antibody (aa581-592) IHC-plus; HIF3A; BHLHe17; HIF-3A; IPAS; HIF3-alpha-1; Inhibitory PAS domain protein; PASD7; HIF-3-alpha; HIF3-alpha; Member of PAS protein 7; MOP7; Mouse HIF3A; HIF3-Alpha; anti-HIF3A antibody

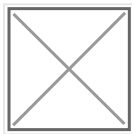
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	aa 581-592 of mouse Hif3 a (Hypoxia Inducible Factor).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	669
Applicable Applications for anti-HIF3A antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	Synthetic peptide from mouse HIF3A.
Immunogen Type	Synthetic peptide
Immunogen	HIF3A / HIF3-Alpha antibody was raised against synthetic peptide from mouse HIF3A.
Antigen Modification	aa581-592
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.



WB (Western Blot)

Anti-Hif Antibody - Western Blot. Western blot of Affinity Purified anti-Hif antibody shows detection of a band ~72 kD corresponding to mouse Hif3a (arrowhead). Approximately 10 ug of a CoCl2 treated 3T3 cell lysate (lane 1) and control 3T3 cell lysate (lane 2) were separated by 4-20% SDS-PAGE and transferred onto nitrocellulose. Treatment of exponentially growing 3T3 cells with 130 uM CoCl2 for 6 h at 37? C effectively mimics hypoxia. After blocking the membrane was probed overnight at 4C with the primary antibody diluted to 1:1600. The membrane was washed and reacted with a 1:10000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX (for 45 min at room temperature. IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.



IHC (Immunohiostchemistry)

Anti-HIF3A antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

IHC (Immunohistochemistry)

Anti-HIF3A antibody IHC of human lung, respiratory epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90421311
NCBI GeneID	64344
NCBI Accession #	NP_690008.2
NCBI GenBank Nucleotide #	NM_152795.3
UniProt Accession #	Q9Y2N7; Q58A43; Q66K72; Q8WXA1; Q96K34; Q9H7Z9; Q9HAI2; B0M185; B4DNA2
Molecular Weight	64,359 Da
NCBI Official Full Name	hypoxia-inducible factor 3-alpha isoform c
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
NCBI Protein Information	hypoxia-inducible factor 3-alpha; HIF3-alpha-1; member of PAS protein 7; inhibitory PAS domain protein; PAS domain-containing protein 7; basic-helix-loop-helix-PAS protein MOP7; class E basic helix-loop-helix protein 17
UniProt Protein Name	Hypoxia-inducible factor 3-alpha
UniProt Gene Name	HIF3A
UniProt Synonym Gene Names	BHLHE17; MOP7; PASD7; HIF-3-alpha; HIF3-alpha; bHLHe17; IPAS
UniProt Entry Name	HIF3A_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.