

Rabbit HIF-1-alpha Monoclonal Antibody | anti-HIF-1-alpha antibody

Anti-HIF-1-alpha Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128102	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

HIF-1-alpha; Monoclonal Antibody; Anti-HIF-1-alpha Rabbit Monoclonal Antibody; anti-HIF-1-alpha antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	31H88
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Applicable Applications for anti-HIF-1-alpha antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HIF-1-alpha
Preparation and Storage	Store at -20 degree C for one year. For short term storage and frequent use, store at 4 degree C for up to one month. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of HIF-1-Alpha using anti-HIF-1-Alpha antibody (AAA128102). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HepG2 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-HIF-1-Alpha antigen affinity purified monoclonal antibody (#AAA128102) at 1:500 overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for HIF-1-Alpha at approximately 110 kDa. The expected band size for HIF-1-Alpha is at 110 kDa.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-HIF-1-alpha antibody	Primary Antibodies, Rabbit Monoclonal Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504385
NCBI GeneID	3091
NCBI Accession #	NP_001521.1
NCBI GenBank Nucleotide #	NM_001530.3
UniProt Accession #	Q16665; Q53XP6; Q96PT9; Q9UPB1; C0LZJ3
Molecular Weight	92,670 Da
NCBI Official Full Name	hypoxia-inducible factor 1-alpha isoform 1
NCBI Official Synonym Full Names	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)
NCBI Official Symbol	HIF1A
NCBI Official Synonym Symbols	HIF1; MOP1; PASD8; HIF-1A; bHLHe78; HIF-1alpha; HIF1-ALPHA
NCBI Protein Information	hypoxia-inducible factor 1-alpha; HIF-1-alpha; member of PAS protein 1; ARNT interacting protein; ARNT-interacting protein; member of PAS superfamily 1; hypoxia-inducible factor1alpha; PAS domain-containing protein 8; basic-helix-loop-helix-PAS protein MO
UniProt Protein Name	Hypoxia-inducible factor 1-alpha
UniProt Gene Name	HIF1A
UniProt Synonym Gene Names	BHLHE78; MOP1; PASD8; HIF-1-alpha; HIF1-alpha; bHLHe78
UniProt Entry Name	HIF1A_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/monoclonal/hif-1-alpha-antibody-clone-31h88-immunofluorescence-immunocytochemistry-western-blot-elisa/128102>