

Goat anti-Human, Mouse HIF1alpha/MOP1 Antibody | anti-HIF1A antibody

Goat Anti-HIF1alpha/MOP1 Antibody

CATALOG # AAA61839	HOST Goat	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

HIF1alpha/MOP1; Goat Anti-HIF1alpha/MOP1 Antibody; HIF1A; hypoxia inducible factor 1; alpha subunit (basic helix-loop-helix transcription factor); HIF-1alpha; HIF1; HIF1-ALPHA; MOP1; PASD8; bHLHe78; ARNT interacting protein; ARNT-interacting protein; HIF-1-alpha; OTTHUMP00000179063; PAS domain-containing protein 8; basic-helix-loop-helix-PAS protein MOP1; class E basic helix-loop-helix protein 78; hypoxia-inducible factor 1 alpha isoform I.3; hypoxia-inducible factor 1; hypoxia-inducible factor 1-alpha; member of PAS protein 1; member of PAS superfamily 1; anti-HIF1A antibody

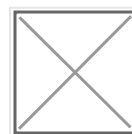
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Mouse
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	826
Applicable Applications for anti-HIF1A antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KMTQLFTKVESED, from the internal region of the protein sequence according to NP_001521.1; NP_851397.1.
Peptide Sequence	KMTQLFTKVESED
Epitope	Internal region
Important comments	This antibody is expected to recognize both reported isoforms (NP_001521.1; NP_851397.1). This antibody is NOT expected to cross-react with EPAS1 (GeneID 2034).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
0.5ug/ml staining of Mouse Lung lysate (35ug protein in RIPA buffer). Detected by chemiluminescence



WB (Western Blot)
0.3ug/ml staining of Human Kidney (A), Lung (B) and Gastrointestinal cancer (C) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504385
NCBI GeneID	3091
NCBI Accession #	NP_001521.1; NP_851397.1

NCBI GenBank Nucleotide #	NP_001521.1
UniProt Accession #	Q16665
NCBI Official Full Name	hypoxia-inducible factor 1-alpha isoform 1
NCBI Official Synonym Full Names	hypoxia inducible factor 1 subunit alpha
NCBI Official Symbol	HIF1A
NCBI Official Synonym Symbols	HIF1; MOP1; PASD8; HIF-1A; bHLHe78; HIF-1alpha; HIF1-ALPHA; HIF-1-alpha
NCBI Protein Information	hypoxia-inducible factor 1-alpha
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/goat-hif1a-human-mouse-antibody/hif1alpha-mop1/61839>