

Goat HIF1a Polyclonal Antibody | anti-HIF1a antibody

HIF1 alpha Polyclonal Antibody

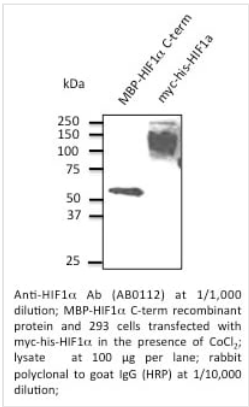
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63088	Goat	Human, mouse, rat, bovine, canine, chicken/avian, donkey, feline, goat, guinea pig, hamster, horse, porcine, rabbit, sheep, simian	Western Blot

PRODUCT SYNONYMS

HIF1a; Polyclonal Antibody; HIF1 alpha Polyclonal Antibody; Anti-HIF1a; alpha subunit (basic helix-loop-helix transcription factor); ARNT interacting protein; basic-helix-loop-helix-PAS protein MOP1; bHLHe78; class E basic helix-loop-helix protein 78; HIF-1alpha; HIF1; HIF1-ALPHA; hypoxia inducible factor 1; 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; MOP1; PASD8; PAS domain-containing protein 8 antibody; anti-HIF1a antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, mouse, rat, bovine, canine, chicken/avian, donkey, feline, goat, guinea pig, hamster, horse, porcine, rabbit, sheep, simian
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects HIF1a in transfected cells and a band of approximately 120 kDa by Western blot in cell lysates.
Form/Format	Polyclonal antibody supplied as (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	836
Applicable Applications for anti-HIF1a antibody	WB (Western Blot)
Gene Identifier	ENSG00000100644
Immunogen	Recombinant peptide derived from within residues 780 aa to the C-terminus of human HIF1a produced in E. coli.
Antigen	Purified recombinant peptide derived from within residues 780 aa to the C-terminus of human HIF1a produced in E. coli.
Handling	The antibody solution should be gently mixed before use.
Preparation and Storage	For continuous use, store at 2-8 deg;C for one-two days. For extended storage, store in -20 deg;C freezer. Working dilution samples should be discarded if not used within 12 hours.



Reactivity chart				
Sample	Western Blot	Immuno-fluorescence	Immuno-Histochemistry (p)	Immuno-Histochemistry (f)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

Reactivity Data

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-HIF1α antibody	Hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)
	Goat polyclonal to alpha subunit of transcription factor hypoxia-inducible factor-1 (HIF-1), which is a heterodimer composed of an alpha and a beta subunit. HIF-1 functions as a master regulator of cellular and systemic homeostatic response to hypoxia by activating transcription of many genes, including those involved in apoptosis, angiogenesis, energy metabolism, and other genes whose protein products increase oxygen delivery or facilitate metabolic adaptation to hypoxia. HIF-1 thus plays an essential role in tumour angiogenesis, embryonic vascularization, and pathophysiology of ischemic disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226061948
NCBI GeneID	15251
NCBI Accession #	NP_034561.2
NCBI GenBank Nucleotide #	NM_010431.2
UniProt Accession #	Q61221; O08741; O08993; Q61664; Q61665; Q8C681; Q8CC19; Q8CCB6; Q8R385; Q9CYA8
Molecular Weight	93,516 Da
NCBI Official Full Name	hypoxia-inducible factor 1-alpha
NCBI Official Synonym Full Names	hypoxia inducible factor 1, alpha subunit
NCBI Official Symbol	Hif1a
NCBI Official Synonym Symbols	MOP1; bHLHe78; AA959795; HIF1alpha
NCBI Protein Information	hypoxia-inducible factor 1-alpha; HIF1-alpha; HIF-1-alpha; ARNT-interacting protein
UniProt Protein Name	Hypoxia-inducible factor 1-alpha
UniProt Gene Name	Hif1a
UniProt Synonym Gene Names	HIF-1-alpha; HIF1-alpha
UniProt Entry Name	HIF1A_MOUSE

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.