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GOAT ANTI-HIF1ALPHA / MOP1 ANTIBODY

SKU: EB10789





SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	PAS domain-containing OTTHUMP00000179063 HIF-1-alpha ARNT interacting protein bHLHe78 PASD8 MOP1 HIF1-ALPHA HIF1 HIF-1alpha hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) HIF1A
Accession ID	NP_001521.1; NP_851397.1
Blocking Peptide	EBP10789
Immunogen	Peptide with sequence C-KMTQLFTKVESED, from the internal region of the protein sequence according to NP_001521.1; NP_851397.1.
Product 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).
Peptide Sequence	C-KMTQLFTKVESED
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human. Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse
Human Gene ID	3091
Mouse Gene ID	15251
Rat Gene ID	29560
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:1000.
Western Blot	Approx 90kDa band observed in Human and Mouse Lung and in Human Kidney lysates and approx 85-90kDa in Human Gastrointestinal cancer lysates (calculated MW of 92.7kDa according to Human NP_001521.1, 82.7kDa according to Human NP_851397.1 and 93.7kDa according to Mouse NP_001300848.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB



GALLERY IMAGES

