

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

