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Research Use Only. Not for diagnostic or therapeutic use.

EB11645 - Goat Anti-VEGFA (aa387-399) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MGC70609, MVCD1, OTTHUMP00000016487,

OTTHUMP0000016488, OTTHUMP00000165985, OTTHUMP00000165986, OTTHUMP00000165987, OTTHUMP00000224107, OTTHUMP00000224108, OTTHUMP00000224109, OTTHUMP00000224153, OTTHUMP00000224154, OTTHUMP00000224423, OTTHUMP00000224424, OTTHUMP00000224425,

OTTHUMP00000224426, OTTHUMP00000224427, OTTHUMP00000224428,

 $OTTHUMP00000224429,\,OTTHUMP00000224430,\,vascular\,\,endothelial\,\,growth\,\,factor\,\,A,$

vascular permeability factor, VEGF, VEGFA, VPF

Official Symbol: VEGFA

Accession Number(s): NP_001020537.2; NP_003367.4; NP_001020538.2; NP_001020539.2; NP_001028928.1; NP_001165094.1; NP_001165095.1;

NP_001165096.1; NP_001165097.1; NP_001165100.1

Human GeneID(s): 7422

Non-Human GeneID(s): 22339 (mouse), 83785 (rat)

Important Comments: This antibody is expected to recognize following isoforms: a (45.5kDa), b (43.6kDa), c (42.8kDa), d (40.7kDa), g (40.6kDa), i (27.0kDa), j (25.2kDa), k (24.4kDa), o (22.3kDa) and s (18.9kDa)

Immunogen

Peptide with sequence KNTDSRCKARQLE, from the C Terminus of the protein sequence according to NP_001020537.2; NP_003367.4; NP_001020538.2; NP_001020539.2; NP_001028928.1; NP_001165094.1; NP_001165095.1; NP_001165096.1; NP_001165100.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

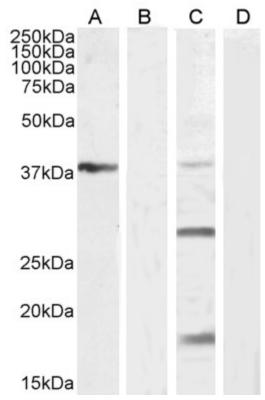
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 38kDa band observed in Mouse Liver lysates,38+28+18kDa in Human Kidney lysates and approx 18kDa in lysates of cell line K562 (calculated MW of 40.3kDa according to Mouse NP_033531.3, 40.6kDa according to Human NP_001028928.1, 27.0kDa according to Human NP_001165094.1 and 18.9kDa according to Human NP_001273973.1). These bands were all successfully blocked by incubation with the immunizing peptide.. Recommended concentration: 0.3-1 μ g/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Cat, Dog, Pig, Cow



EB11645 (1μg/ml) staining of Mouse Liver Iysate (A) + Peptide (B), Human Kidney Iysate (C) + Peptide (D) (35μg protein in RIPA buffer) Detected by chemiluminescence.



EB11645 (1µg/ml) staining of K562 cell lysate (A) + Peptide (B) (35µg protein in RIPA buffer). Detected by chemiluminescence.