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Research Use Only. Not for diagnostic or therapeutic use.

EB11747 - Goat Anti-VEGFA (aa288-299) 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; etc. **Human GenelD(s):** 7422

Important Comments: This antibody is expected to recognize all reported isoforms.

Immunogen

Peptide with sequence C-RIKPHQGQHIGE, from the internal region of the protein sequence according to NP_001020537.2; NP_003367.4; NP_001020538.2; NP_001020539.2; etc..

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 45kDa band observed in lysates of cell line HEK293 (calculated MW of 45.5kDa according to NP_001020537.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat (Liver, Kidney and Lung) for this particular batch.

IHC: Paraffin embedded Human Liver and Small Intestine. Recommended concentration: 5µg/ml.

Immunofluorescence: Testing has shown that this antibody stains mitochondria in Mouse NIH3T3 cells at 10µg/ml.

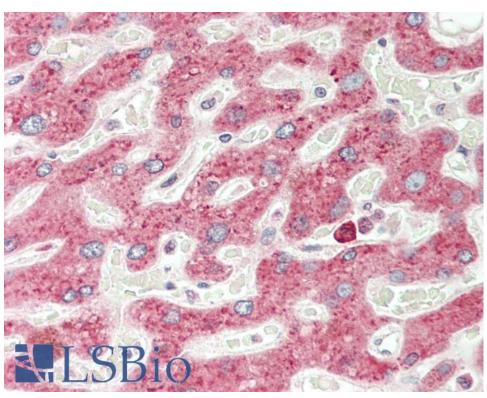
Species Reactivity

Tested: Human

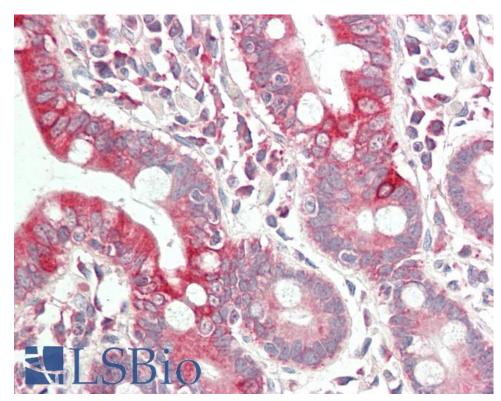
Expected from sequence similarity: Human, Dog, Pig



EB11747 (0.1 μ g/ml) staining of HEK293 lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB11747 (5μg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB11747 ($5\mu g/ml$) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.