10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-VEGFA (aa387-399) Antibody

Peptide-affinity purified goat antibody
Catalog # AF4540a

Product Information

Application	WB, Pep-ELISA
Primary Accession	P15692
Other Accession	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
Reactivity	Human, Mouse, Rat, Pig, Cat, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Clone Names	VEGFA
Calculated MW	43597

Additional Information

Gene ID	7422
Other Names	VEGFA; vascular endothelial growth factor A; MGC70609; MVCD1; VEGF; VPF; OTTHUMP00000016487; OTTHUMP00000016488; OTTHUMP00000165985; OTTHUMP00000165986; OTTHUMP00000165987; OTTHUMP00000224107; OTTHUMP00000224108; OTTHUMP00000224109; OTTHUMP00000224153; OT
Dilution	WB~~1:1000 Pep-ELISA~~N/A
Format	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.
Immunogen	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)
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-VEGFA (aa387-399) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VEGFA
Synonyms	VEGF

Function	[N-VEGF]: Participates in the induction of key genes involved in the response to hypoxia and in the induction of angiogenesis such as HIF1A (PubMed:35455969). Involved in protecting cells from hypoxia- mediated cell death (By similarity).
Cellular Location	[N-VEGF]: Cytoplasm. Nucleus. Note=Cytoplasmic in normoxic conditions and localizes to the nucleus under hypoxic conditions [Isoform L-VEGF189]: Endoplasmic reticulum. Golgi apparatus. Secreted, extracellular space, extracellular matrix [Isoform VEGF165]: Secreted
Tissue Location	Higher expression in pituitary tumors than the pituitary gland. [Isoform VEGF165]: Widely expressed. [Isoform VEGF206]: Not widely expressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.