

Goat anti-VEGFA (aa387-399) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4540a**Specification**

Goat anti-VEGFA (aa387-399) Antibody - 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
Calculated MW	43597

Goat anti-VEGFA (aa387-399) Antibody - Additional Information**Gene ID** 7422**Other Names**

VEGFA; vascular endothelial growth factor A; MGC70609; MVCD1; VEGF; VPF;
OTTHUMP00000016487; OTTHUMP00000016488; OTTHUMP000000165985;
OTTHUMP000000165986; OTTHUMP000000165987; OTTHUMP000000224107;
OTTHUMP000000224108; OTTHUMP000000224109; OTTHUMP000000224153; 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.

Goat anti-VEGFA (aa387-399) Antibody - 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.

Goat anti-VEGFA (aa387-399) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-VEGFA (aa387-399) Antibody - Images