

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

Application	<b>WB, Pep-ELISA</b>
Primary Accession	<a href="#">P15692</a>
Other Accession	<a href="#">NP_001020537.2</a> , <a href="#">NP_003367.4</a> , <a href="#">NP_001020538.2</a> , <a href="#">NP_001020539.2</a> , <a href="#">NP_001028928.1</a> , <a href="#">NP_001165094.1</a> , <a href="#">NP_001165095.1</a> , <a href="#">NP_001165096.1</a> , <a href="#">NP_001165097.1</a> , <a href="#">NP_001165100.1</a>
Reactivity	<b>Human, Mouse, Rat, Pig, Cat, Dog, Bovine</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>43597</b>

**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:<a href="http://www.uniprot.org/citations/35455969" target="\_blank">35455969</a>). 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