

VEGFA (aa288-299) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3858a**Specification**

VEGFA (aa288-299) Antibody (internal region) - Product Information

Application	WB
Primary Accession	P15692
Other Accession	NP_001020537.2 , NP_003367.4 , NP_001020538.2 , NP_001020539.2 , <i>etc.</i> , 7422
Reactivity	Human
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	43597

VEGFA (aa288-299) Antibody (internal region) - Additional Information**Gene ID** 7422**Other Names**

Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGFA, VEGF

Format

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

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

VEGFA (aa288-299) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

VEGFA (aa288-299) Antibody (internal region) - 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

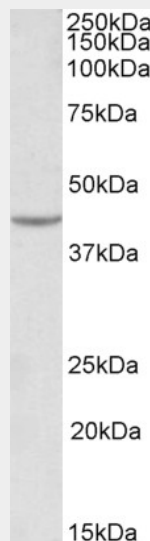
Tissue Location

Higher expression in pituitary tumors than the pituitary gland. [Isoform VEGF165]: Widely expressed. [Isoform VEGF206]: Not widely expressed.

VEGFA (aa288-299) Antibody (internal region) - 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](#)

VEGFA (aa288-299) Antibody (internal region) - Images

AF3858a (0.1 µg/ml) staining of HEK293 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

VEGFA (aa288-299) Antibody (internal region) - Background

This antibody is expected to recognize all reported isoforms.

VEGFA (aa288-299) Antibody (internal region) - References

Oncostatin M and IL-6 induce u-PA and VEGF in prostate cancer cells and correlate in vivo. Weiss TW, Simak R, Kaun C, Rega G, Pflüger H, Maurer G, Huber K, Wojta J. Anticancer Res. 2011 Oct;31(10):3273-8. PMID: 21965736