

Product datasheet for **TA302292**

VEGFA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This VEGF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-95 amino acids from the N-terminal region of human VEGF1.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27042 Da
Gene Name:	vascular endothelial growth factor A
Database Link:	NP_001020541 Entrez Gene 7422 Human P15692
Background:	VEGF1 is a member of the PDGF/VEGF growth factor family and is often found as a disulfide linked homodimer. This protein is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, and inhibiting apoptosis. Elevated levels of this protein are linked to POEMS syndrome, also known as Crow-Fukase syndrome. Mutations in VEGF1 have been associated with proliferative and nonproliferative diabetic retinopathy.
Synonyms:	MVCD1; VEGF; VPF

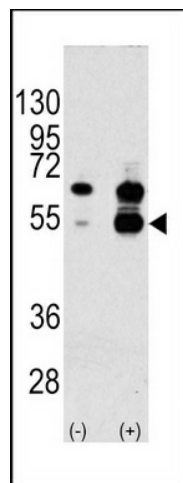


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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Bladder cancer, Cytokine-cytokine receptor interaction, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma, VEGF signaling pathway

Product images:



Western blot analysis of VEGF1 Antibody (N-term) polyclonal antibody (Cat.#TA302292) (arrow). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the VEGF1 gene (Lane 2) (Origene Technologies). Molecular weight of monomeric VEGF1 is 27042 Da; higher observed molecular weight band is consistent with common form of disulfide linked homodimer.