

Product datasheet for TA370196

VEGFA Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 500-2000

WB positive control: HUVEC cell lysate

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Fusion protein of human VEGFA

Formulation: pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Concentration: lot specific

Purification: Antigen affinity purification

Conjugation: Unconjugated Storage: Store at -20°C.

Stability: 1 year Predicted Protein Size: 27 kDa

Gene Name: vascular endothelial growth factor A

Database Link: Entrez Gene 7422 Human

P15692

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



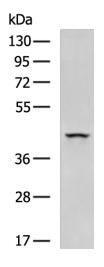


Background:

This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, which exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression. Elevated levels of this protein are found in patients with POEMS syndrome, also known as Crow-Fukase syndrome. Allelic variants of this gene have been associated with microvascular complications of diabetes 1 (MVCD1) and atherosclerosis. Alternatively spliced transcript variants encoding different isoforms have been described. There is also evidence for alternative translation initiation from upstream non-AUG (CUG) codons resulting in additional isoforms.

Synonyms: MGC70609; MVCD1; VEGF; VEGF-A; VPF

Product images:



Gel: 8%SDS-PAGE Lysate: 40 µg Lane: HUVEC cell lysate Primary antibody: TA370196 (VEGFA Antibody) at dilution 1/500 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution Exposure time: 1 minute