



anti-VEGFA Rabbit Polyclonal antibody

Catalog No.	EM15708-01	EM15708-02
Size	50µl	100µl

Species reactivity: Human Rat Mouse **Molecular Weight:** 27KD

Background:This gene is a member of the PDGF/VEGF growth factor family and encodes a protein that 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 is linked to POEMS syndrome, also known as Crow-Fukase syndrome. Mutations in this gene have been associated with proliferative and nonproliferative diabetic retinopathy. Alternatively spliced transcript variants, encoding either freely secreted or cell-associated isoforms, have been characterized. There is also evidence for the use of non-AUG (CUG) translation initiation sites upstream of, and in-frame with the first AUG, leading to additional isoforms.

Immunogen:Recombinant protein of human VEGFA

Purification:Affinity purification

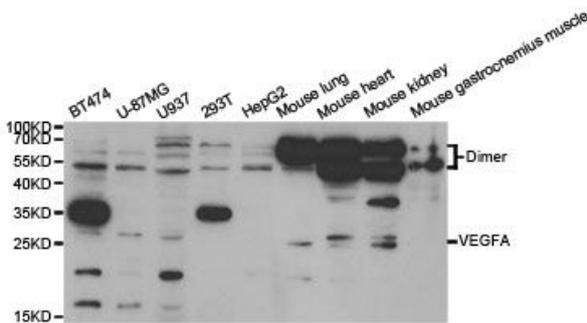
Application: WB 1:500-1:3000 IHC 1:50-1:200

Optimal dilutions/concentrations should be determined by the end user.

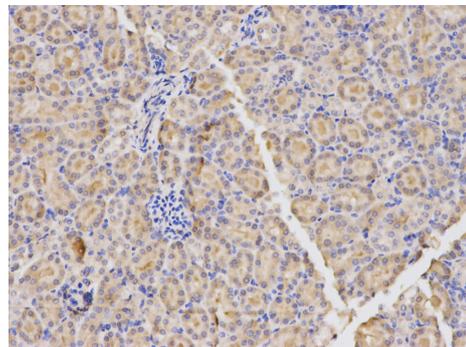
Form: Liquid ,1mg/ml

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 ° C.Stable for 12 months from date of receipt

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis of extracts of various cell lines, using VEGFA antibody.



Immunohistochemical of paraffin-embedded mouse kidney using VEGFA antibody at dilution of 1:100 (400x lens).

