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EG-VEGF Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10359

Specification

EG-VEGF Antibody - Product Information

Application	**WB**
Primary Accession	P58294
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**11715**

EG-VEGF Antibody - Additional Information

Gene ID 84432

Application & Usage	**Western blotting at 1:1000 dilutions. However, the optimal concentrations should be determined individually. The antibody recognizes human EG-VEGF. Reactivity to other species has not been tested.**

Other Names
PK1 , PRK1 , Prokineticin 1 , EG-VEGF , Anti-EG-VEGF

Target/Specificity
EG-VEGF

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions

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EG-VEGF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

EG-VEGF Antibody - Protein Information

Name PROK1

Function
Potently contracts gastrointestinal (GI) smooth muscle. Induces proliferation, migration and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. Has little or no effect on a variety of other endothelial and non-endothelial cell types. Induces proliferation and differentiation, but not migration, of enteric neural crest cells. Directly influences neuroblastoma progression by promoting the proliferation and migration of neuroblastoma cells. Positively regulates PTGS2 expression and prostaglandin synthesis. May play a role in placentation. May play a role in normal and pathological testis angiogenesis.

Cellular Location
Secreted.

Tissue Location
Localizes to glandular epithelium, stroma and vascular epithelial cells of first trimester decidua (at protein level). Up-regulated in first trimester decidua when compared with non- pregnant endometrium. Expressed in the steroidogenic glands, ovary, testis, adrenal and placenta.

EG-VEGF 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 Cytomety
- Cell Culture

EG-VEGF Antibody - Images

EG-VEGF Antibody - Background

Human EG-VEGF (Endocrine-gland-derived vascular endothelial growth factor) is a 9.6 kDa protein consisting of 86 amino acid residues. Human EG-VEGF induces proliferation, migration and fenestration in capillary endothelial cells derived from endocrine glands.