

**EG-VEGF Antibody**  
**Goat Polyclonal Antibody**  
**Catalog # ABV10358****Specification**

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**EG-VEGF Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P58294</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Isotype	Goat 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 µl antigen affinity purified goat polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

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 Cytometry](#)
- [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.