

Product datasheet

Anti-EG-VEGF antibody ab42802

1 Image

Overview

Product name	Anti-EG-VEGF antibody
Description	Rabbit polyclonal to EG-VEGF
Host species	Rabbit
Specificity	The polyclonal antibody reacts specifically with human EG-VEGF.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human EG-VEGF (N terminal). (Peptide available as ab206194)

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab42802 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50.

Target

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.

Tissue specificity

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.

Sequence similarities

Belongs to the AVIT (prokineticin) family.

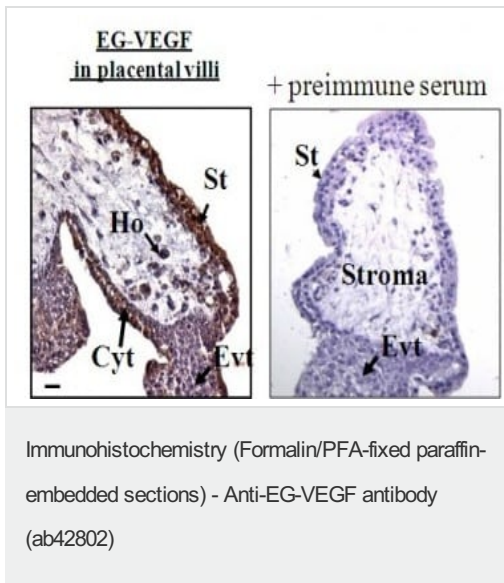
Developmental stage

In adult testis, is strongly expressed only in Leydig cells. In testicular tumors, expressed specifically in Leydig cell tumors (at protein level). Expressed from 14 weeks until birth in fetal testis.

Cellular localization

Secreted.

Images



ab42802 at 0.33 $\mu\text{g/ml}$ staining EG-VEGF in tissue of chorionic villi at 9 weeks of gestation. Staining can be observed in Cytotrophoblast (Cyt), Hobfauer cells (Ho), Extravillous trophoblast (Evt) and Syncytiotrophoblast (St). Negative control with preimmune serum shows no staining. Counterstaining performed with haematoxylin.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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