

Flt-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03279
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human VEGFR1. AA range:1289-1338
Mol wt	150769
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Flt-1 Antibody
Synonyms	FLT1; FLT; FRT; VEGFR1; Vascular endothelial growth factor receptor 1; VEGFR-1; Fms-like tyrosine kinase 1; FLT-1; Tyrosine-protein kinase FRT; Tyrosine-protein kinase receptor FLT; FLT; Vascular perm

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

FLT1 encodes a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.

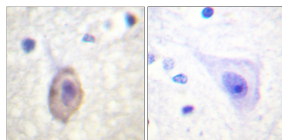
Recommended Dilution

IHC: 1: 100 - 1: 300

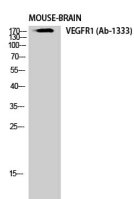
ELISA: 1: 5000

Not yet tested in other applications.

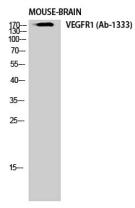
Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using VEGFR1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of VEGFR1 Antibody



Western Blot analysis of mouse-brain cells using Flt-1 Polyclonal Antibody

Storage

-20°C for one year

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