

Tie-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09017
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Tie-2 . at AA range: 930-1010
Mol wt	125811
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Tie-2 Antibody
Synonyms	TEK; TIE2; VMCM; VMCM1; Angiopoietin-1 receptor; Endothelial tyrosine kinase; Tunica interna endothelial cell kinase; Tyrosine kinase with Ig and EGF homology domains-2; Tyrosine-protein kinase recept

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

Background

TEK (TEK receptor tyrosine kinase) encodes a receptor that belongs to the protein tyrosine kinase Tie2 family. The encoded protein possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. The ligand angiopoietin-1 binds to this receptor and mediates a signaling pathway that functions in embryonic vascular development. Mutations in TEK are associated with inherited venous malformations of the skin and mucous membranes. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of TEK have been described, but their full-length nature is not known.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year