Tie-2 (phospho Tyr1108) Polyclonal Antibody

Catalog No: #13477

Package Size: #13477-1 50ul #13477-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Tie-2 (phospho Tyr1108) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IF/ICC,ELISA
Species Reactivity	Human,Mouse
Specificity	Phospho-Tie-2 (Y1108) Polyclonal Antibody detects endogenous levels of Tie-2 protein only when phosphorylated at Y1108.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human TIE2 around the phosphorylation site of Tyr1108. AA range:1074-1123
Other Names	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 receptor TEK; Tyrosine-protein kinase receptor
Accession No.	Swiss Prot:Q02763GeneID:7010
Uniprot	Q02763
GeneID	7010
SDS-PAGE MW	150
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Background

TEK receptor tyrosine kinase(TEK) Homo sapiens This gene 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 this gene 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 this gene have been described, but their full-length nature is not known. [provided by RefSeq, Feb 2014],

Note: This product is for in vitro research use only