

Tie-2(Phospho Tyr1108) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14956
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TIE2 around the phosphorylation site of Tyr1108. AA range:1074-1123
Mol wt	125811
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Angiopoietin-1 receptor
Synonyms	Angiopoietin-1 receptor; 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

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

Background

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

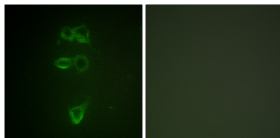
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

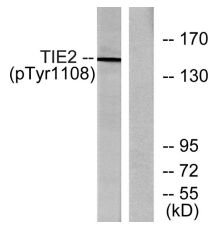
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HepG2 cells, using TIE2 (Phospho-Tyr1108) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells, using TIE2 (Phospho-Tyr1108) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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