

# Tie2 Polyclonal antibody

Catalog Number: 13282-1-AP

## Basic Information

<b>Catalog Number:</b> 13282-1-AP	<b>GenBank Accession Number:</b> BC035514	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 330 µg/ml	<b>GeneID (NCBI):</b> 7010	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q02763	
<b>Isotype:</b> IgG	<b>Full Name:</b> TEK tyrosine kinase, endothelial	
<b>Immunogen Catalog Number:</b> AG4032	<b>Calculated MW:</b> 1124 aa, 126 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Tie2 (also known as TEK) is a tyrosine-protein kinase expressed almost exclusively on endothelial cells. It contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. Tie2 acts as cell-surface receptor for ANGPT1, ANGPT2 and ANGPT4 and regulates angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton, but also maintenance of vascular quiescence. Mutations in the gene of Tie2 are associated with inherited venous malformations of the skin and mucous membranes.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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