

## TIE1 (Phospho Tyr1117) rabbit pAb

<b>Catalog No :</b>	YP1731
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	TIE1
<b>Gene Name :</b>	TIE1 TIE
<b>Protein Name :</b>	TIE1 (Phospho-Tyr1117)
<b>Human Gene Id :</b>	7075
<b>Human Swiss Prot No :</b>	P35590
<b>Mouse Gene Id :</b>	21846
<b>Mouse Swiss Prot No :</b>	Q06806
<b>Immunogen :</b>	Synthesized peptide derived from human TIE1 (Phospho-Tyr1117)
<b>Specificity :</b>	This antibody detects endogenous levels of TIE1 (Phospho-Tyr1117) at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 125kD

**Background :**

This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011],

**Function :**

catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Probable protein tyrosine-kinase transmembrane receptor.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Tie subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,similarity:Contains 3 EGF-like domains.,similarity:Contains 3 fibronectin type-III domains.,tissue specificity:Specifically expressed in developing vascular endothelial cells.,

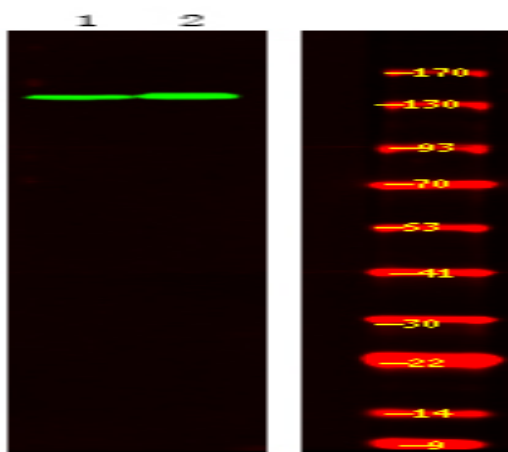
**Subcellular Location :**

Cell membrane ; Single-pass type I membrane protein .

**Expression :**

Specifically expressed in developing vascular endothelial cells.

## Products Images



Western Blot analysis of 1 K-562 cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000