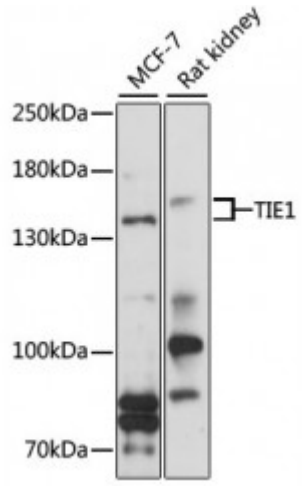
Anti-TIE1 Antibody



Description	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.

Model	STJ117802
Host	Rabbit
Reactivity	Human, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 350-600 of human TIE1 (NP_005415.1).
Gene ID	7075
Gene Symbol	TIE1
Dilution range	WB 1:200 - 1:2000
Tissue Specificity	Specifically expressed in developing vascular endothelial cells
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Tyrosine-protein kinase receptor Tie-1
Molecular Weight	125.09 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11809OMIM:600222
Alternative Names	Tyrosine-protein kinase receptor Tie-1
Function	Transmembrane tyrosine-protein kinase that may modulate TEK/TIE2 activity and contribute to the regulation of angiogenesis,
Cellular Localization	Cell membrane
Post-translational Modifications	Phosphorylated on tyrosine residues in response to ANGPT1, most likely by TEK/TIE2,