

Product Name: Angiopoietin 1 Rabbit Monoclonal Antibody
Catalog #: AMRe85115

Summary

Production Name	Angiopoietin 1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Angiopoietin 1
Alternative Names	ANGPT1; KIAA0003; Angiopoietin-1; ANG-1
Gene ID	284.0
SwissProt ID	Q15389. A synthetic peptide of human Angiopoietin 1

Application

Dilution Ratio	WB:1:500-1:1000
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 75 kDa

Background

Product Name: Angiopoietin 1 Rabbit Monoclonal Antibody
Catalog #: AMRe85115

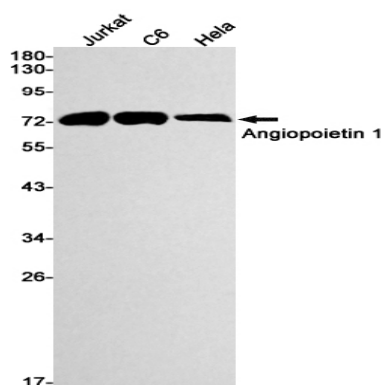


Binds and activates TEK/TIE2 receptor by inducing its dimerization and tyrosine phosphorylation. Plays an important role in the regulation of angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton, but also maintenance of vascular quiescence. Required for normal angiogenesis and heart development during embryogenesis. After birth, activates or inhibits angiogenesis, depending on the context.

Research Area

TGF-beta signaling pathway, PI3K-Akt signaling pathway

Image Data



Western blot analysis of Angiopoietin 1 in Jurkat, C6, HeLa lysates using Angiopoietin 1 antibody.

Note

For research use only.