
Product Name: Angiopoietin 1 Rabbit Polyclonal Antibody**Catalog #: APRab03349**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 58 kDa

Antigen Information

Gene Name	ANGPT1
Alternative Names	ANGPT1; KIAA0003; Angiopoietin-1; ANG-1
Gene ID	284
SwissProt ID	Q15389
Immunogen	A synthetic peptide of human Angiopoietin 1

Background

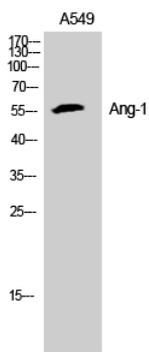
Binds and activates TEK/TIE2 receptor by inducing its dimerization and tyrosine phosphorylation. Plays an important role in the regulation of angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the

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.

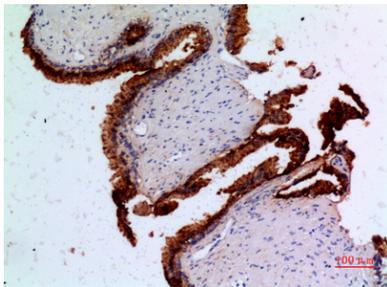
Research Area

Cancer

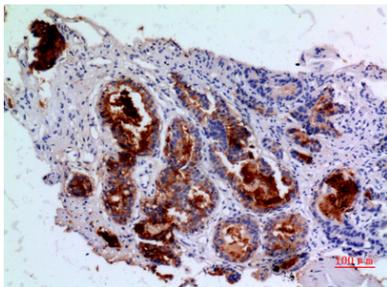
Image Data



Western blot analysis of Angiopoietin 1 in A549, K562 lysates using Angiopoietin 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human prostaticancer using Angiopoietin 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human prostaticancer using Angiopoietin 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.