

Summary

Production Name	ANGP2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ANGPT2
Alternative Names	Angiopoietin-2 (ANG-2)
Gene ID	285.0
SwissProt ID	O15123.Synthesized peptide derived from human ANGP2

Application

Dilution Ratio	WB 1:500-2000, ELISA(peptide)1:5000-20000
Molecular Weight	55kD

Background

The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis.

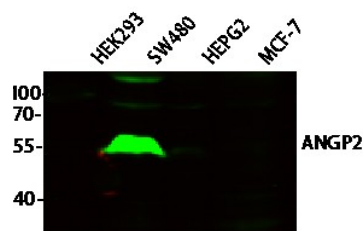
Product Name: ANGP2 Rabbit Polyclonal Antibody
Catalog #: APRab06895



Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],function: Binds to TIE2 receptor and counteracts blood vessel maturation/stability mediated by angiopoietin-1. Its function may be context-dependent. In the absence of angiogenic inducers, such as VEGF, ANG2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression. In concert with VEGF, it may facilitate endothelial cell migration and proliferation, thus serving as a permissive angiogenic signal.,online information:Angiopoietin entry,similarity:Contains 1 fibrinogen C-terminal domain.,

Research Area

Image Data



Western blot analysis of various lysates, primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.

Note

For research use only.