

Angiopoietin-4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51972

Product Information

Application	WB
Primary Accession	Q9Y264
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57 kDa

Additional Information

Other Names	Angiopoietin-4, ANG-4, Angiopoietin-3, ANG-3, ANGPT4, ANG3, ANG4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Angiopoietin-4. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

Background

Binds to TEK/TIE2, modulating ANGPT1 signaling. Can induce tyrosine phosphorylation of TEK/TIE2. Promotes endothelial cell survival, migration and angiogenesis.

References

- Nishimura M., et al. FEBS Lett. 448:254-256(1999).
Valenzuela D.M., et al. Proc. Natl. Acad. Sci. U.S.A. 96:1904-1909(1999).
Deloukas P., et al. Nature 414:865-871(2001).
Lee H.J., et al. FASEB J. 18:1200-1208(2004).
Augustin H.G., et al. Nat. Rev. Mol. Cell Biol. 10:165-177(2009).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.