

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	56849

Additional Information

Gene ID	51378
Other Names	Angiopoietin-4, ANG-4, Angiopoietin-3, ANG-3, ANGPT4, ANG3, ANG4
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

Name	ANGPT4
Synonyms	ANG3, ANG4
Function	Binds to TEK/TIE2, modulating ANGPT1 signaling. Can induce tyrosine phosphorylation of TEK/TIE2. Promotes endothelial cell survival, migration and angiogenesis.
Cellular Location	Secreted.
Tissue Location	Highly expressed in the lung with much lower levels found in other tissues

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).

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