

Angiopoietin-4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51972

Specification

Angiopoietin-4 Antibody - Product Information

Application	WB, E
Primary Accession	O9Y264
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57 KDa

Angiopoietin-4 Antibody - Additional Information

Gene ID 51378

Other Names

Angiopoietin-4, ANG-4, Angiopoietin-3, ANG-3, ANGPT4, ANG3, ANG4

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

Angiopoietin-4 Antibody - 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

Angiopoietin-4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Angiopoietin-4 Antibody - Images

Angiopoietin-4 Antibody - Background

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

Angiopoietin-4 Antibody - 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).