

Angiopoietin 2 Rabbit mAb

Catalog # AP75073

Product Information

Application	WB, IHC-P
Primary Accession	O15123
Reactivity	Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	56919

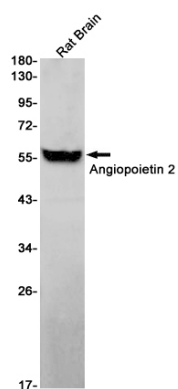
Additional Information

Gene ID	285
Other Names	ANGPT2
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid

Protein Information

Name	ANGPT2
Function	Binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling (PubMed: 15284220 , PubMed: 19116766 , PubMed: 19223473 , PubMed: 9204896). Can induce tyrosine phosphorylation of TEK/TIE2 in the absence of ANGPT1 (PubMed: 15284220 , PubMed: 19116766 , PubMed: 19223473 , PubMed: 9204896). In the absence of angiogenic inducers, such as VEGF, ANGPT2-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 (PubMed: 15284220 , PubMed: 19116766 , PubMed: 19223473 , PubMed: 9204896). Involved in the regulation of lymphangiogenesis (PubMed: 32908006).
Cellular Location	Secreted.

Images



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