

Angpt2 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14929

Specification

Angpt2 Antibody - middle region - Product Information

Application	WB
Primary Accession	O35608
Other Accession	NM_007426 , NP_031452
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56kDa KDa

Angpt2 Antibody - middle region - Additional Information

Gene ID 11601

Alias Symbol **Agpt2, Ang-2, Ang2**
Other Names
Angiopoietin-2, ANG-2, Angpt2, Agpt2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Angpt2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Angpt2 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Angpt2 Antibody - middle region - Protein Information

Name Angpt2

Synonyms Agpt2

Function

Binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling (By similarity). Can induce tyrosine phosphorylation of TEK/TIE2 in the absence of ANGPT1 (By similarity). 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 (By similarity). In concert with VEGF, it may facilitate endothelial cell migration and proliferation, thus

servicing as a permissive angiogenic signal (By similarity). Involved in the regulation of lymphangiogenesis (PubMed:28179430, PubMed:32908006).

Cellular Location

Secreted {ECO:0000250|UniProtKB:O15123}.

Tissue Location

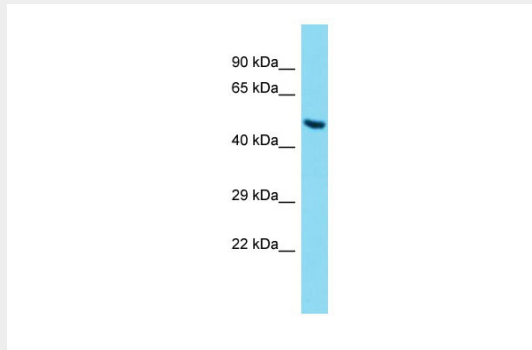
Expressed in the ovary, uterus and placenta.

Angpt2 Antibody - middle region - 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](#)

Angpt2 Antibody - middle region - Images



Host: Rabbit
Target Name: Angpt2
Sample Tissue: Mouse Liver lysates
Antibody Dilution: 1.0µg/ml

Angpt2 Antibody - middle region - References

Maisonpierre P.C., et al. Science 277:55-60(1997).
Carninci P., et al. Science 309:1559-1563(2005).