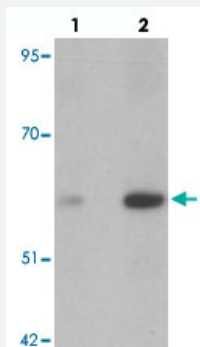


ANGPT2 polyclonal antibody

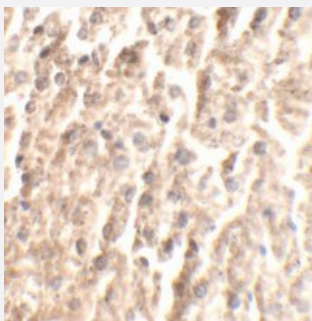
Catalog # PAB25796 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of ANGPT2 in human liver tissue with ANGPT2 polyclonal antibody (Cat # PAB25796) at (lane 1) 1 and (lane 2) 2 ug/mL.



Immunohistochemistry

Immunohistochemical analysis of ANGPT2 in mouse liver tissue with ANGPT2 polyclonal antibody (Cat # PAB25796) at 2.5 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ANGPT2.
Immunogen	A synthetic peptide corresponding to 18 amino acids at C-terminus of human ANGPT2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	At least three isoforms of ANGPT2 are known to exist; this antibody will detect all three isoforms.
Form	Liquid
Purification	Peptide affinity purification

Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (1-2 ug/mL) Immunohistochemistry (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of ANGPT2 in human liver tissue with ANGPT2 polyclonal antibody (Cat # PAB25796) at (lane 1) 1 and (lane 2) 2 ug/mL.

- Immunohistochemistry

Immunohistochemical analysis of ANGPT2 in mouse liver tissue with ANGPT2 polyclonal antibody (Cat # PAB25796) at 2.5 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ANGPT2

Entrez GeneID	285
Protein Accession#	P_001138
Gene Name	ANGPT2
Gene Alias	AGPT2, ANG2
Gene Description	angiopoietin 2
Omim ID	601922
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TIEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

Tie2-ligand|angiopoietin-2|angiopoietin-2B|angiopoietin-2a

Disease

- [Abortion](#)
- [Birth Weight](#)
- [Brain Infarction](#)
- [Chorioamnionitis](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Fetal Death](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Leiomyoma](#)
- [Lymphedema](#)
- [Neovascularization](#)
- [Obstetric Labor](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Recurrence](#)

- [Respiratory Distress Syndrome](#)
- [Retinopathy of Prematurity](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)