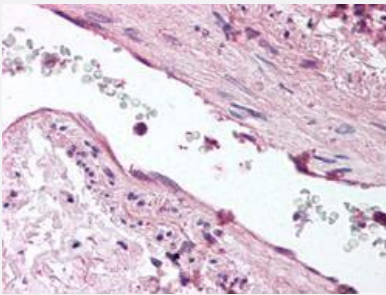


# Angpt1 polyclonal antibody

Catalog # PAB10092      Size 200 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining with Angpt1 polyclonal antibody (Cat # PAB10092) was diluted 1 : 500 to detect Angpt1 in human lung tissue. Tissue was formalin fixed and paraffin embedded. No pre-treatment of sample was required. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain.

### Immunoprecipitation

Immunoblotting of Angpt1 polyclonal antibody (Cat # PAB10092) was used at a 1:500 dilution to detect mouse Angpt1 by western blot against supernatants of mouse angiopoietin-expressing endothelial cells.

Lane 1 - wt endothelial cells.

Lane 2 - mouse Angpt1 (clone 1-8) expressing cells.

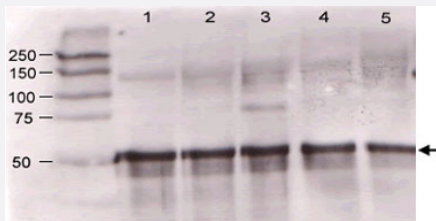
Lane 3 - mouse Angpt1 (clone 1-15) expressing cells.

Lane 4 - mouse Angpt2 (clone 2-9) expressing cells.

Approximately 20 ug of each lysate was used for 10% SDS-PAGE.

Immunoprecipitation preceded the reaction with primary antibody at room temperature for 1 h.

After subsequent washing, a 1:5,000 dilution of HRP conjugated Gt-a-Rabbit IgG preceded color development.



## Specification

### Product Description

Rabbit polyclonal antibody raised against synthetic peptide of Angpt1.

### Immunogen

A synthetic peptide (conjugated with KLH) corresponding to N-terminus of mouse Angpt1.

### Host

Rabbit

Reactivity	Human, Mouse
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:800) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. 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.

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — Angpt1

Entrez GeneID [11600](#)

Protein Accession#	<a href="#">NP_033770</a>
Gene Name	Angpt1
Gene Alias	1110046O21Rik, Ang-1, Ang1
Gene Description	angiopoietin 1
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	Angiopoietin-1

## Publication Reference

- [Angiopoietin-2, a natural antagonist for Tie2 that disrupts in vivo angiogenesis.](#)

Maisonpierre PC, Suri C, Jones PF, Bartunkova S, Wiegand SJ, Radziejewski C, Compton D, McClain J, Aldrich TH, Papadopoulos N, Daly TJ, Davis S, Sato TN, Yancopoulos GD.

Science 1997 Jul; 277(5322):55.

- [Requisite role of angiopoietin-1, a ligand for the TIE2 receptor, during embryonic angiogenesis.](#)

Suri C, Jones PF, Patan S, Bartunkova S, Maisonpierre PC, Davis S, Sato TN, Yancopoulos GD.

Cell 1996 Dec; 87(7):1171.

Application: IHC, Mouse, Mouse myocardium

- [Isolation of angiopoietin-1, a ligand for the TIE2 receptor, by secretion-trap expression cloning.](#)

Davis S, Aldrich TH, Jones PF, Acheson A, Compton DL, Jain V, Ryan TE, Bruno J, Radziejewski C, Maisonpierre PC, Yancopoulos GD.

Cell 1996 Dec; 87(7):1161.

Application: WB-Tr, Monkey, COS cells