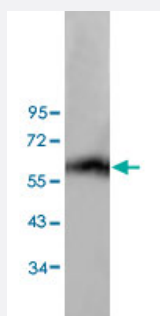


# ANGPT4 polyclonal antibody

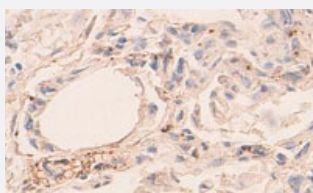
Catalog # PAB19837      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of human lung tissue lysate with ANGPT4 polyclonal antibody (Cat # PAB19837) at 1:200 dilution.



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

Immunohistochemical staining of formalin-fixed paraffin-embedded human lung showing staining with ANGPT4 polyclonal antibody (Cat # PAB19837) at 1:100 dilution.

## Specification

|                            |                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of ANGPT4.               |
| <b>Immunogen</b>           | A synthetic peptide corresponding to 14 amino acids near N-terminus of human ANGPT4. |
| <b>Host</b>                | Rabbit                                                                               |
| <b>Reactivity</b>          | Human                                                                                |
| <b>Form</b>                | Liquid                                                                               |
| <b>Purification</b>        | Peptide affinity purification                                                        |

|                            |                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommend Usage</b>     | ELISA (1:1000-10000)<br>Western Blot (1:200-500)<br>Immunohistochemistry (1:50-200)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In serum (0.02% sodium azide)                                                                                                                             |
| <b>Storage Instruction</b> | Store at 4°C for three months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                   |
| <b>Note</b>                | 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 human lung tissue lysate with ANGPT4 polyclonal antibody (Cat # PAB19837) at 1:200 dilution.

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

Immunohistochemical staining of formalin-fixed paraffin-embedded human lung showing staining with ANGPT4 polyclonal antibody (Cat # PAB19837) at 1:100 dilution.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ANGPT4

**Entrez GeneID** [51378](#)

**Protein Accession#** [Q9Y264](#)

**Gene Name** ANGPT4

**Gene Alias** AGP4, ANG-3, ANG4, MGC138181, MGC138183

**Gene Description** angiopoietin 4

**Omim ID** [603705](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin. [provided by RefSeq]

## Other Designations

OTTHUMP00000029947|angiopoietin-3|dJ824F16.2 (angiopoietin 4)

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroblastoma](#)