

**Angiopietin 4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54315**

**Specification**

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**Angiopietin 4 Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">O9Y264</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56849

**Angiopietin 4 Polyclonal Antibody - Additional Information**

**Gene ID** 51378

**Other Names**

Angiopietin-4, ANG-4, Angiopietin-3, ANG-3, ANGPT4, ANG3, ANG4

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Angiopietin 4 Polyclonal Antibody - Protein Information**

**Name** ANGPT4

**Synonyms** ANG3, ANG4

**Function**

Binds to TEK/TIE2, modulating ANGPT1 signaling. Can induce tyrosine phosphorylation of TEK/TIE2. Promotes endothelial cell survival, migration and angiogenesis.

**Cellular Location**

Secreted.

**Tissue Location**

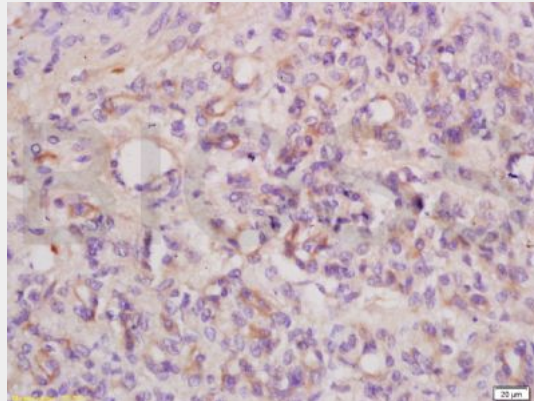
Highly expressed in the lung with much lower levels found in other tissues

**Angiopietin 4 Polyclonal Antibody - 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](#)

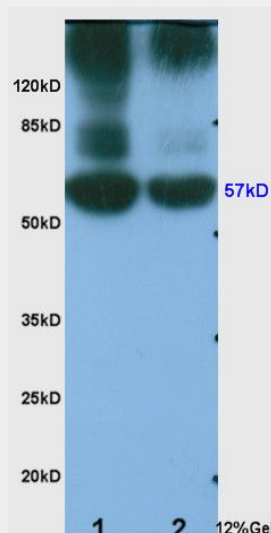
### Angiopoietin 4 Polyclonal Antibody - Images



Tissue/cell: mouse tumor tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-ANGPT3/ANG3/ANGPT4/ANG4 Polyclonal Antibody, Unconjugated(bs-1087R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



#### Sample:

Lung (Mouse) Lysate at 30 ug

Lung (Rat) Lysate at 30 ug

Primary: Anti- Anti-ANGPT3/ANG3/ANGPT4/ANG4 (bs-1087R) at 1/400 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/3000 dilution

Predicted band size : 57kD  
Observed band size : 57kD