

## ANGPTL4 Antibody

CAB2011

### Description

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This ANGPTL4 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB2011

**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** NL2, ARP4, FIAF, HARP, PGAR, HFARP, TGQTL, UNQ171, pp1158, ANGPTL4

**Clone:** -

**Applications:** **WB** **IHC-P** **IF/ICC** **ELISA**

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 51129

**Uniprot:** AB\_2764035

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 45-50kDa

**Calculated MW:** 45kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

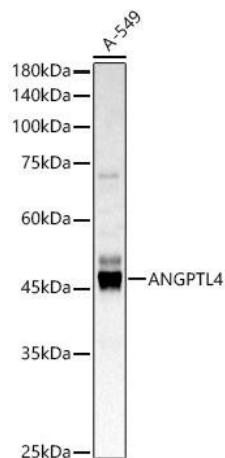
**Positive Sample:** A-549, Rat lung

<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:1000</td></tr> <tr> <td><b>IHC-P</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>IF/ICC</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>WB</b>	1:500 - 1:1000	<b>IHC-P</b>	1:50 - 1:200	<b>IF/ICC</b>	1:50 - 1:200	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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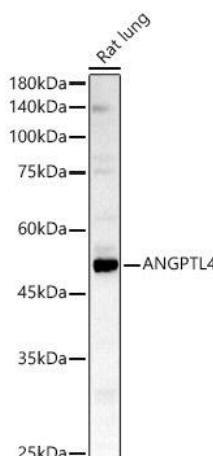
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

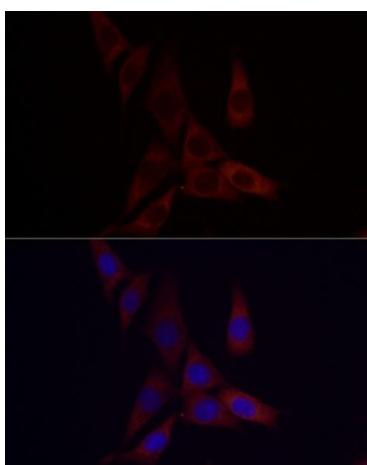
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Western blot analysis of lysates from A-549 cells, using ANGPTL4 Rabbit pAb (CAB2011) at 1:600 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5s.



Western blot analysis of lysates from Rat lung, using ANGPTL4 Rabbit pAb (CAB2011) at 1:600 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunofluorescence analysis of NIH/3T3 cells using ANGPTL4 Rabbit pAb (CAB2011) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.