

## IL18R1 Antibody

**CAB2706**

### Description

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This IL18R1 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:** CAB2706

**Contents:** 20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** CD218a, IL18RA, IL1RRP, CDw218a, IL-1Rrp, IL-18Ralpha, IL18Ralpha2, IL-18R-alpha, IL18R1/IL-18 R alpha

**Clone:** -

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

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 8809

**Uniprot:** AB\_2764561

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 75kDa

**Calculated MW:** 62kDa

## 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:** NCI-H460

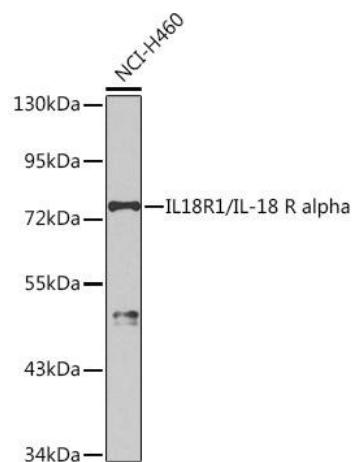
**Recommended Dilutions:**

<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.

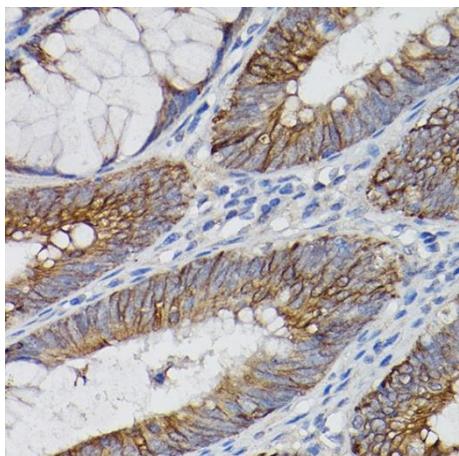
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of lysates from NCI- cells, using IL18R1/IL-18 R alpha Rabbit pAb (CAB2706) at 1:1000 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: 90s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using IL18R1/IL-18 R alpha Rabbit pAb (CAB2706) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.