

## TGF beta Receptor II (TGFBR2) Antibody

**CAB1415**

### Description

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This TGF beta Receptor II (TGFBR2) 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:** CAB1415

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** AAT3, FAA3, LDS2, MFS2, RIIC, LDS1B, LDS2B, TAAD2, TBRII, TBR-ii, TGFR-2, tbetaR-II, TGFbeta-RII, TGF beta Receptor II (TGFBR2)

**Clone:** -

**Applications:** WB IF/ICC ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 7048

**Uniprot:** AB\_2761007

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 70 kDa/85 kDa

**Calculated MW:** 65 kDa

## 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.

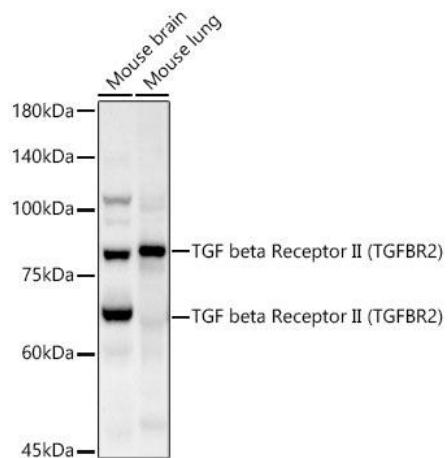
**Positive Sample:** Mouse brain, Mouse lung, Rat lung

<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:5000
	<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.

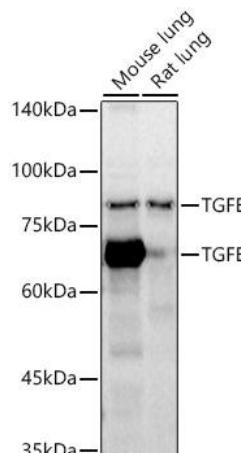
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

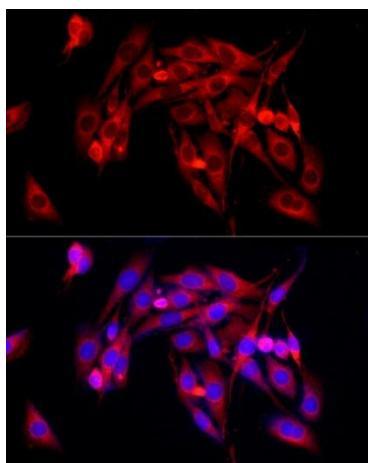
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Western blot analysis of various lysates using TGF beta Receptor II (TGFBR2) Rabbit pAb (CAB1415) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5s.



Western blot analysis of various lysates using TGF beta Receptor II (TGFBR2) Rabbit pAb (CAB1415) at 1:900 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunofluorescence analysis of PC-12 cells using TGF beta Receptor II (TGFBR2) Rabbit pAb (CAB1415) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.