

TGF beta Receptor II (TGFBR2) Antibody

CAB11788

Description

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

SKU: CAB11788

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 IHC-P IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 7048

Uniprot: AB_2758756

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 65-80kDa

Calculated MW: 65kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: 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.

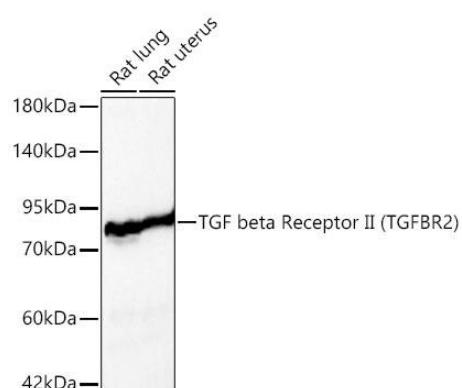
Positive Sample: Rat lung, Rat uterus

Recommended Dilutions:

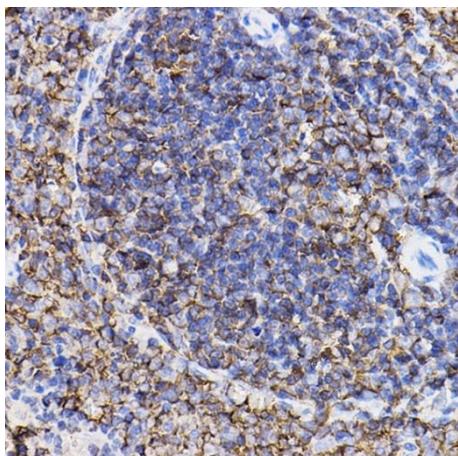
WB	1:500 - 1:5000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

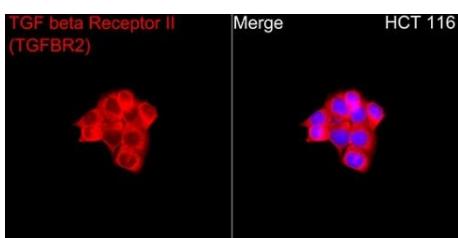
Validation Data



Western blot analysis of various lysates using TGF beta Receptor II (TGFBR2) Rabbit pAb (CAB11788) at 1:1000 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: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using TGF beta Receptor II (TGF beta Receptor II (TGFBR2)) Rabbit pAb (CAB11788) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of HCT 116 cells using TGF beta Receptor II (TGFBR2) Rabbit pAb (CAB11788) at a 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.