

TGF beta Receptor I (TGFB1) Antibody

CAB0708

Description

This TGF beta Receptor I (TGFB1) 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:	CAB0708
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	AAT5, ALK5, ESS1, LDS1, MSSE, SKR4, TBRI, ALK-5, LDS1A, LDS2A, TBR-i, TGFR-1, ACVRLK4, tbetaR-I, TGF beta Receptor I (TGFB1)
Clone:	-
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	7046
Uniprot:	AB_2757355
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	56 kDa
Calculated MW:	56 kDa

Preparation & Storage

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.

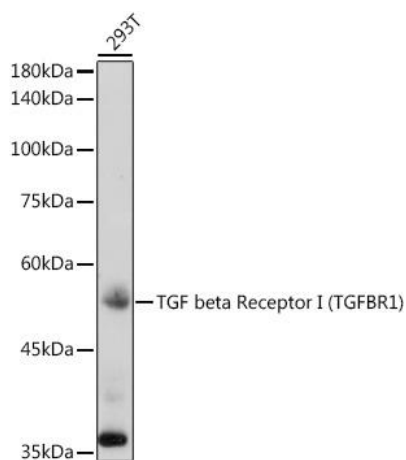
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: 293T, Mouse testis, Rat testis, Rat brain

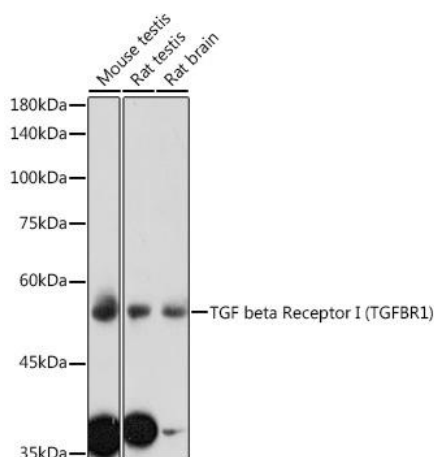
Recommended Dilutions:	WB	1:500 - 1:5000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 lysates from 293T cells, using TGF beta Receptor I (TGFBRI) Rabbit pAb (CAB0708) 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: 180s.



Western blot analysis of various lysates using TGF beta Receptor I (TGFBRI) Rabbit pAb (CAB0708) 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 Enhanced Kit (AbGn00021). Exposure time: 180s.

