

# TGF beta Receptor I (TGFBRI) Rabbit pAb

Catalog No.: A0708 **20 Publications**

## Basic Information

### Observed MW

56kDa

### Calculated MW

56kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

7046

### Swiss Prot

P36897

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TGF beta Receptor I (TGFBRI) (NP\_004603.1).

### Synonyms

AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; TBRI; ALK-5; LDS1A; LDS2A; TBR-i; TGFR-1; ACVRLK4; tbetaR-I; TGF beta Receptor I (TGFBRI)

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

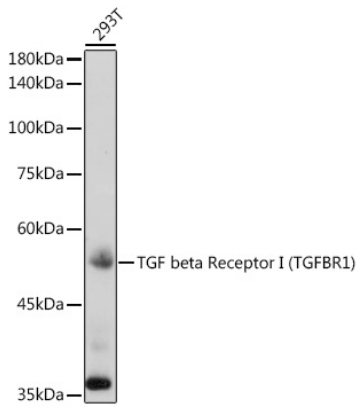
Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of lysates from 293T cells, using TGF beta Receptor I (TGFBRI) Rabbit pAb (A0708) at 1:1000 dilution.

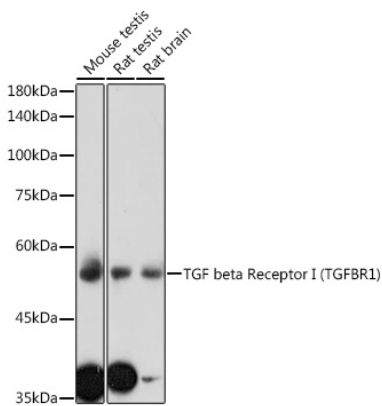
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Western blot analysis of various lysates using TGF beta Receptor I (TGFBRI) Rabbit pAb (A0708) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.