

A11934

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# TGF beta Receptor I (TGFBR1) Rabbit pAb

Catalog No.: A11934 **3 Publications**

## Basic Information

### Observed MW

56kDa

### Calculated MW

56kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,IP,FC

### Cross-Reactivity

Human,Mouse,Rat,Bovine

## 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 Loews-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100
IP	1:20 - 1:50
FC	1:20 - 1:50

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
7046	P36897

### Immunogen

Recombinant protein of human TGF beta Receptor I (TGF beta Receptor I (TGFBR1))

### Synonyms

AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; TBRI; ALK-5; LDS1A; LDS2A; TBR-i; TGFR-1; ACVRLK4; tbetaR-I; TGF beta Receptor I (TGFBR1)

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

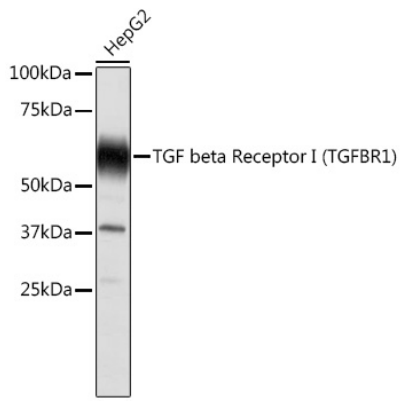
### Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of lysates from HepG2 cells, using TGF beta Receptor I (TGFBRI) Rabbit pAb (A11934).  
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.