# antibodies -online.com







## **Images**



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Quantity:	100 μg	
Target:	TGFBR1	
Binding Specificity:	AA 50-63	
Reactivity:	Human, Rat	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This TGFBR1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)	

### **Product Details**

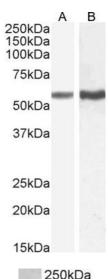
Purpose:	TGFBR1 (aa50-63)	
Immunogen:	Peptide with sequence TDGLCFVSVTETTD, from the internal region of the protein sequence according to NP_004603.1, NP_001124388.1.	
Sequence:	TDGLCFVSVT ETTD	
Isotype:	IgG	
Specificity:	This antibody is expected to recognize both reported isoforms (NP_004603.1, NP_001124388.1). The immunizing peptide represents part of a potential extracellular domain.	
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	

# **Product Details** Grade: Verified **Target Details** Target: TGFBR1 Alternative Name TGFBR1 (TGFBR1 Products) Background: TGFBR1, transforming growth factor, beta receptor 1, AAT5, ACVRLK4, ALK-5, ALK5, LDS1A, LDS2A, SKR4, TGFR-1, TGF-beta receptor type I, TGF-beta receptor type-1, TGF-beta type I receptor, activin A receptor type II-like kinase, 53kD, activin A receptor typ Molecular Weight: 55.6kDa according to Rat NP\_036907.2 Gene ID: 7046, 21812, 29591 NP\_004603, NP\_001124388 NCBI Accession: Pathways: **Growth Factor Binding Application Details** Immunohistochemistry: Paraffin embedded Human Adrenal Gland and Small Intestine. **Application Notes:** Recommended concentration: 5 µg/mL. Western Blot: Approx 55 kDa band observed in Rat Liver and Rat Lung lysates (calculated MW of 55.6 kDa according to Rat NP\_036907.2). Recommended concentration: 0.03-0.1 μg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:64000. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: Comment: 10ug/ml. Immunofluorescence: This antibody is not recommended for IF testing. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum Buffer: albumin. Sodium azide Preservative:

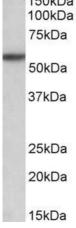
### Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.	

### **Images**



# 250kDa 150kDa

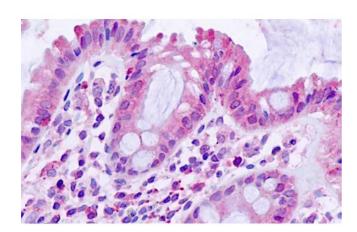


### **Western Blotting**

**Image 1.** (ABIN768623) (0.1 μg/mL) staining of Rat Liver (A) and (0.03  $\mu g/mL$ ) Lung (B) lysate (35  $\mu g$  protein in RIPA buffer). Detected by chemiluminescence.

### **Western Blotting**

 $\textbf{Image 2.} \ \mathsf{ABIN768623} \ (0.1 \mu g/ml) \ \mathsf{staining} \ \mathsf{of} \ \mathsf{Rat} \ \mathsf{Liver} \ \mathsf{lysate}$ (35µg protein **RIPA** buffer). Detected chemiluminescence.



### **Immunohistochemistry**

**Image 3.** ABIN768623 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 5 images are available for ABIN768623.