

Datasheet for ABIN1532728
anti-TGFBR1 antibody (AA 131-180)



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2 Images

Overview

Quantity:	100 µL
Target:	TGFBR1
Binding Specificity:	AA 131-180
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFBR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human TGF beta Receptor I.
Isotype:	IgG
Specificity:	TGF beta Receptor I Antibody detects endogenous levels of total TGF beta Receptor I protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	TGFBR1
Alternative Name:	TGF beta Receptor I (TGFBR1 Products)

Target Details

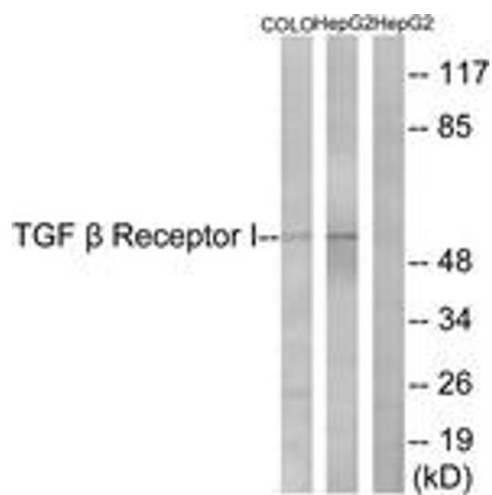
Background:	Synonyms: ADRB2, ALK-5, Activin receptor-like kinase 5, ESK2, SKR4, TGF-beta receptor type I precursor, TGF-beta type I receptor, TGF-betaR1, TGFR-1, TGFR1, kinase TGF-beta-R1, receptor R4 NCBI Gene Symbol: TGFR1
Molecular Weight:	55 kDa
Gene ID:	7046
OMIM:	190181
UniProt:	P36897
Pathways:	Growth Factor Binding

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.494622 (NCBI Gene Symbol: TGFR1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2/COLO cells, using TGF beta Receptor I (Ab-165) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using TGF beta Receptor I (Ab-165) Antibody. The picture on the right is treated with the synthesized peptide.