

Datasheet for ABIN7091770
anti-TGFBR1 antibody (AA 111-210)



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Overview

Quantity:	100 µL
Target:	TGFBR1
Binding Specificity:	AA 111-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFBR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TGF beta Receptor I
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TGFBR1
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Target Details

Alternative Name:	TGF beta Receptor I (TGFB1 Products)
Background:	Synonyms: TGFB1, TGF Beta R1, TGF beta Receptor I, AAT 5, AAT5, Activin A receptor type II like kinase 53 kDa, Activin receptor like kinase 5, ACVRLK 4, ACVRLK4, ALK 5, ALK5, Serine/threonine protein kinase receptor R4, SKR 4, SKR4, TbetaR I, TGF beta receptor type 1, TGF beta receptor type I, TGF beta type I receptor, TGFB1, TGFB1 protein, TGFR 1, TGFR1, Transforming growth factor beta receptor I,TGF-??R???????, TGF??R???????, TGF-??R ???????, TGF-?? R??????? Background: On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for TGF-beta.
Gene ID:	7046
UniProt:	P36897
Pathways:	Growth Factor Binding

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF() ICC 1:100-500
Restrictions:	For Research Use only

Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months