

Datasheet for ABIN5534746

anti-TGFR1 antibody (AA 141-169)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	TGFR1
Binding Specificity:	AA 141-169
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Tgfr1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-169 amino acids from the Central region of mouse Tgfr1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TGFR1
Alternative Name:	Tgfr1 (TGFR1 Products)
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.

Target Details

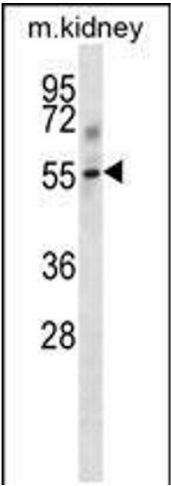
	Receptor for TGF-beta.
Molecular Weight:	56 kDa
Gene ID:	21812
UniProt:	Q64729
Pathways:	Growth Factor Binding

Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.46 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in mouse kidney tissue lysates (35ug/lane).