

Datasheet for ABIN3029222

anti-TGFR1 antibody (AA 141-169)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	TGFR1
Binding Specificity:	AA 141-169
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 141-169 from the mouse protein was used as the immunogen for this Tgfr1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Human, Rat, Bovine, Pig
Purification:	Antigen affinity purified

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

Target Details

	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.
UniProt:	Q64729
Pathways:	Growth Factor Binding

Application Details

Application Notes:	Titration of the Tgfr1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

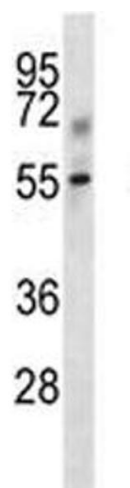
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Tgfr1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Tgfr1 antibody western blot analysis in mouse kidney tissue lysate.



Western Blotting

Image 2. Tgfr1 antibody western blot analysis in mouse kidney tissue lysate.