

Tgfb1 Antibody (F44154)

Catalog No.	Formulation	Size
F44154-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44154-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Bovine, Human, Pig, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q64729
Applications	Western Blot : 1:1000
Limitations	This Tgfb1 antibody is available for research use only.



Tgfb1 antibody western blot analysis in mouse kidney tissue lysate. Predicted molecular weight: ~55kDa.

Description

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.

Application Notes

Titration of the Tgfb1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 141-169 from the mouse protein was used as the immunogen for this Tgfbr1 antibody.

Storage

Aliquot the Tgfbr1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.