

TGFBR1 Polyclonal Antibody

Catalog Number:E-AB-40428

Note: Centrifuge before opening to ensure complete recovery of vial contents.

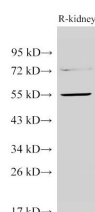
Description

Reactivity	Mouse,Rat
Immunogen	Recombinant Rat TGF-beta receptor type-1 protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

Applications Recommended Dilution

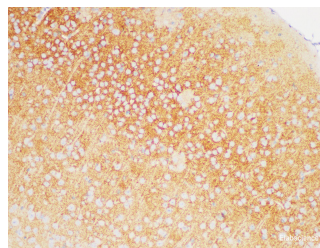
WB	1:500-1:2000
IHC	1:100-1:300

Data

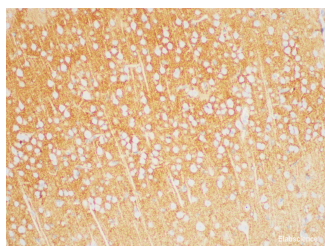


Western Blot analysis of Rat kidney using TGFBR1 Polyclonal Antibody at dilution of 1:1000

Observed Mw:56 kDa
Calculated Mw:56 kDa



Immunohistochemistry of paraffin-embedded Mouse brain using TGFBR1 Polyclonal Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Rat brain using TGFBR1 Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple

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transcript variants encoding different isoforms have been found for this gene.

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