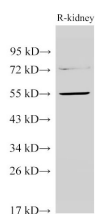


TGFBR1 Polyclonal Antibody

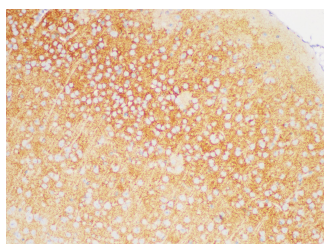
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-40428 | Reactivity | M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC | Isotype | IgG |

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

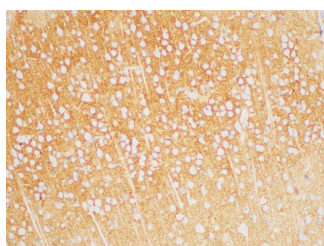
Images



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



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

Immunogen Information

| | |
|------------------|--|
| Immunogen | Recombinant Rat TGF-beta receptor type-1 protein |
| GeneID | 29591 |
| Swissprot | P80204 |
| Synonyms | ACVRLK4, ALK5, LDS1A, LDS2A, MSSE, SKR4 |

Product Information

| | |
|----------------------|---|
| Calculated MW | 56 kDa |
| Observed MW | 56 kDa |
| Buffer | PBS with 0.05% Proclin300, 50% glycerol, pH7.3. |
| Purify | Antigen Affinity Purification |
| Dilution | WB 1:500-1:2000 IHC 1:100-1:300 |

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

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.