

## CAB22151

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### Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB22151 | <b>Gene ID:</b>      | 7046   | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | ARC55592 | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human       |

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### Additional Information

|                       |       |                   |     |
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| <b>Observed MW:</b>   | 56kDa | <b>Conjugate:</b> | -   |
| <b>Calculated MW:</b> | 56kDa | <b>Isotype:</b>   | IgG |

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### Immunogen Information

**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.

**Recommended Dilution:** WB, 1:1000 - 1:5000

**Synonyms:** AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; TBR1; ALK-5; LDS1A; LDS2A; TBR-i; TGFR-1; ACVRLK4; tbetaR-I; TGF beta Receptor I (TGFB1)

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TGF beta Receptor I (TGFB1) (NP\_004603.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.