

Rabbit anti-Mouse, Rat TGFBR1 Polyclonal Antibody | anti-TGFBR1 antibody

TGFBR1 Polyclonal Antibody

CATALOG # AAA177055	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TGFBR1; Polyclonal Antibody; TGFBR1 Polyclonal Antibody; AAT5; Activin A receptor type II like kinase; Activin receptor like kinase 5; ACVRLK4; ALK5; LDS1A; LDS2A; MSSE; SKR4; TGF beta receptor type 1; TGFBR1 protein; TGFR1; Transforming growth factor beta receptor 1; anti-TGFBR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-TGFBR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Rat TGF-beta receptor type-1 protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TGFR1 antibody	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.
Product Categories/Family for anti-TGFR1 antibody	Cardiovascular; Signal Transduction; Stem Cells; Cancer; Metabolism; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	672052531
NCBI GeneID	29591
NCBI Accession #	XP_006238092.2
NCBI GenBank Nucleotide #	XM_006238030.2
UniProt Accession #	P80204
Molecular Weight	56,000 Da
NCBI Official Full Name	TGF-beta receptor type-1 isoform X1
NCBI Official Synonym Full Names	transforming growth factor, beta receptor 1
NCBI Official Symbol	Tgfr1
NCBI Official Synonym Symbols	Alk5; Skr4; Tgfr-1; tbetaR-I
NCBI Protein Information	TGF-beta receptor type-1
UniProt Protein Name	TGF-beta receptor type-1
UniProt Gene Name	Tgfr1
UniProt Synonym Gene Names	TGFR-1; SKR4; TGF-beta receptor type I; TbetaR-I
UniProt Entry Name	TGFR1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.