

Rabbit Transforming Growth Factor Beta Receptor I Polyclonal Antibody | anti-TGFbR1 antibody

Polyclonal Antibody to Transforming Growth Factor Beta Receptor I (TGFbR1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142936	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Transforming Growth Factor Beta Receptor I; Polyclonal Antibody; Polyclonal Antibody to Transforming Growth Factor Beta Receptor I (TGFbR1); anti-TGFbR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TGFbR1. It has been selected for its ability to recognize TGFbR1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-EDPSLDRP FISEGTTLKD LIYDMTTSGS GSGLPLLVRQ TIARTIVLQE SIGKGRFGEV WRGKWRGEEV AVKIFSSREE RSWFREAEIY QTVMLRHENI LGFIADNKD NGTWTQLWLV SDYHEHGSFL DYLNRYTVTV EGMIKLALST ASGLAHLHME IVGTQGKPAI AHRDLKSKNI LVKKNGTCCI ADGLAVRHD S
Applicable Applications for anti-TGFbR1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	TGFbR1 (Glu162~Ala403)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant TGFbR1 (Glu162~Ala403) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin-embedded Testis tissue



WB (Western Blot)
Western Blot: Sample: Recombinant TGFbR1, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195963412
NCBI GeneID	7046
NCBI Accession #	NP_001124388.1
NCBI GenBank Nucleotide #	NM_001130916.2
UniProt Accession #	P36897; Q6IR47; Q706C0; Q706C1
Molecular Weight	47,690 Da
NCBI Official Full Name	TGF-beta receptor type-1 isoform 2
NCBI Official Synonym Full Names	transforming growth factor beta receptor 1
NCBI Official Symbol	TGFBR1
NCBI Official Synonym Symbols	AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; ALK-5; LDS1A; LDS2A; TGFR-1; ACVRLK4; tbetaR-I
NCBI Protein Information	TGF-beta receptor type-1
UniProt Protein Name	TGF-beta receptor type-1
UniProt Gene Name	TGFBR1
UniProt Synonym Gene Names	ALK5; SKR4; TGFR-1; ALK-5; ALK5; SKR4; TGF-beta receptor type I; TbetaR-I

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.