

Rabbit TGFR1/ALK5 Polyclonal Antibody | anti-TGFR1 antibody

TGFR1/ALK5 Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA163273	Rabbit	Mouse, Rat, Human	Western Blot, ELISA, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

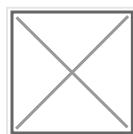
PRODUCT SYNONYMS

TGFR1/ALK5; Polyclonal Antibody; TGFR1/ALK5 Rabbit anti-Human Polyclonal Antibody; IHC-plus TGFR1/ALK5 Antibody; TGFR1; AAT5; ACVRLK4; ALK-5; ALK5; Activin receptor-like kinase 5; LDS1A; LDS2A; MSSE; SKR4; TGF beta receptor I; TGF-beta receptor type-1; TGF-beta type I receptor; TbetaR-I; TGFR-1; TGF-beta receptor type I; anti-TGFR1 antibody

PRODUCT SPECIFICATIONS

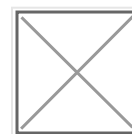
Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TGF beta Receptor I Antibody detects endogenous levels of total TGF beta Receptor I.
Purity/Purification	Peptide affinity chromatography.
Form/Format	PBS, pH7.4, 150 mM NaCl, 0.02% Sodium Azide, 50% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TGFR1 antibody	WB (Western Blot), ELISA (Peptide ELISA), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Target	Human TGFR1/ALK5
Immunogen	A synthesized peptide derived from human TGF beta Receptor I.
Conjugation	Unconjugated
Family	Protein Kinase
Subfamily	Activin/TGFB
Preparation and Storage	Upon receipt, store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TGFR1/ALK5 Antibody-Human Lung: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

TGFR1/ALK5 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

TGFR1/ALK5 Antibody-Western blot analysis of TGF Beta Receptor I expression in HepG2 cells



ICC (Immunocytochemistry)

TGFR1/ALK5 Antibody-Staining LOVO cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 min at 37 degree C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37 degree C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TGFR1 antibody	ALK5 antibody is an unconjugated rabbit polyclonal antibody to ALK5 (TGFR1) from human. It is reactive with human, mouse and rat. Validated for ICC, IF, IHC, Peptide-ELISA and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4759226
NCBI GeneID	7046
NCBI Accession #	NP_004603.1
NCBI GenBank Nucleotide #	NM_004612
UniProt Accession #	P36897; Q6IR47; Q706C0; Q706C1
Molecular Weight	55,960 Da
NCBI Official Full Name	TGF-beta receptor type-1 isoform 1
NCBI Official Synonym Full Names	transforming growth factor, beta receptor 1
NCBI Official Symbol	TGFR1
NCBI Official Synonym Symbols	AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; ALK-5; LDS1A; LDS2A; TGFR-1; ACVRLK4
NCBI Protein Information	TGF-beta receptor type-1; tbetaR-I; TGF-beta receptor type I; TGF-beta type I receptor; activin receptor-like kinase 5; multiple self-healing squamous epithelioma; transforming growth factor beta receptor I; serine/threonine-protein kinase receptor R4; ac
UniProt Protein Name	TGF-beta receptor type-1
UniProt Gene Name	TGFR1
UniProt Synonym Gene Names	ALK5; SKR4; TGFR-1; ALK-5; ALK5; SKR4; TGF-beta receptor type I; TbetaR-I
UniProt Entry Name	TGFR1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tgfr1-alk5-antibody-western-blot-peptide-elisa-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/163273>