Goat TGFBR1/ALK5 Polyclonal Antibody | anti-TGFBR1/ALK5 antibody

Anti-TGFBR1/ALK5 Antibody (aa50-63)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162272	**Goat**	**HumanPredicted: Rabbit, Mouse, Dog, Bovine, Rat, Horse, Bat, Monkey**	**Western Blot, Immunohistochemistry, ELISA**

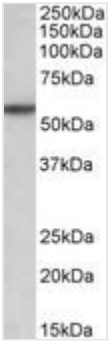
PRODUCT SYNONYMS

TGFBR1/ALK5; Polyclonal Antibody; Anti-TGFBR1/ALK5 Antibody (aa50-63); Rabbit Polyclonal to Human TGFBR1/ALK5; TGFBR1; 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-TGFBR1/ALK5 antibody

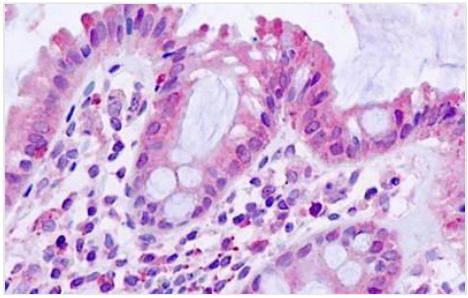
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Predicted: Rabbit, Mouse, Dog, Bovine, Rat, Horse, Bat, Monkey
Clonality	Polyclonal
Specificity	Human TGFBR1. This antibody is expected to recognize both reported isoforms (NP_004603.1; NP_001124388.1). The immunizing peptide represents part of a potential extracellular domain.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Sequence Length	503
Applicable Applications for anti-TGFBR1/ALK5 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide TDGLCFVSVTETTD from an internal region of human TGFBR1 (NP_004603.1; NP_001124388.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Dog, Bat, Bovine, Elephant, Panda, Horse, Rabbit, Porcine (100%); Guinea pig (93%); Platypus (86%).
Conjugation	Unconjugated
Epitope	aa50-63
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)
TGFBR1 antibody (0.1 ug/ml) staining of Rat Liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-TGFBR1/ALK5 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-TGFBR1/ALK5 antibody	Transmembrane serine/threonine kinase forming with the TGF-beta type IIserine/threonine kinase receptor, TGFBR2, the non-promiscuous receptor for the TGF-beta cytokines TGFB1, TGFB2 and TGFB3.
Product Categories/Family for anti-TGFBR1/ALK5 antibody	Protein Kinase; Activin/TGFb

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759226
NCBI GeneID	7046
NCBI Accession #	NP_004603.1
NCBI GenBank Nucleotide #	NM_004612.3
UniProt Accession #	P36897; Q6IR47; Q706C0; Q706C1
Molecular Weight	47,690 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	TGFBR1
NCBI Official Synonym Symbols	AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; TBRI; ALK-5; LDS1A; LDS2A; TBR-i; 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/tgfbr1-alk5-antibody-western-blot-immunohistochemistry-elisa/162272