

Rabbit TGFB1 Polyclonal Antibody | anti-TGFB1 antibody

TGFB1 Polyclonal Antibody

CATALOG # AAA175782	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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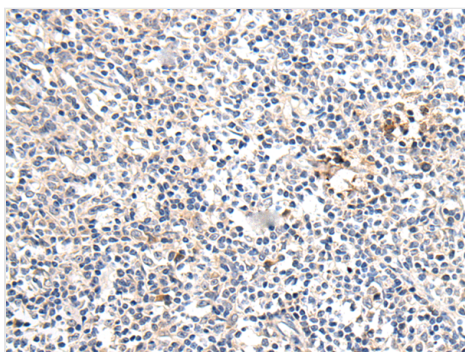
PRODUCT SYNONYMS

TGFB1; Polyclonal Antibody; TGFB1 Polyclonal Antibody; Cartilage-inducing factor; CED; Differentiation inhibiting factor; DPD1; LAP; Latency-associated peptide; Prepro transforming growth factor beta 1; TGF beta 1; TGF beta; TGF beta 1 protein; TGF-beta 1 protein; TGF-beta-1; TGF-beta-5; TGF-beta1; TGFB; Tgfb-1; Tgfb1; TGFbeta; TGFbeta1; Transforming Growth Factor b1; Transforming Growth Factor beta 1; Transforming growth factor beta 1a; Transforming growth factor beta-1; Transforming growth factor; Beta 1; Transforming Growth Factor-beta1; anti-TGFB1 antibody

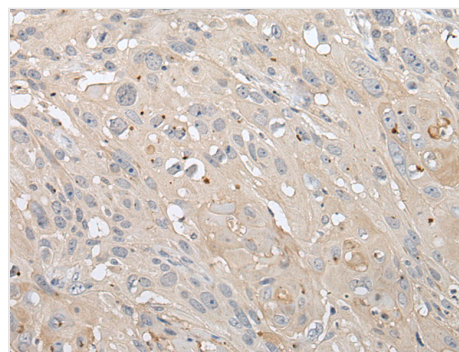
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	390
Applicable Applications for anti-TGFB1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human TGFB1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using TGFB1 Polyclonal Antibody at dilution of 1:25(×200)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TGFB1 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-TGFB1 antibody	This gene encodes a member of the transforming growth factor beta (TGFB) family of cytokines, which are multifunctional peptides that regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types. Many cells have TGFB receptors, and the protein positively and negatively regulates many other growth factors. The secreted protein is cleaved into a latency-associated peptide (LAP) and a mature TGFB1 peptide, and is found in either a latent form composed of a TGFB1 homodimer, a LAP homodimer, and a latent TGFB1-binding protein, or in an active form composed of a TGFB1 homodimer. The mature peptide may also form heterodimers with other TGFB family members. This gene is frequently upregulated in tumor cells, and mutations in this gene result in Camurati-Engelmann disease.
Product Categories/Family for anti-TGFB1 antibody	Cancer; Cardiovascular; Metabolism; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	63025222
NCBI GeneID	7040
NCBI Accession #	NP_000651.3
NCBI GenBank Nucleotide #	NP_000651.3
UniProt Accession #	P01137
NCBI Official Full Name	transforming growth factor beta-1 proprotein preproprotein
NCBI Official Synonym Full Names	transforming growth factor beta 1
NCBI Official Symbol	TGFB1
NCBI Official Synonym Symbols	CED; LAP; DPD1; TGFB; IBDIMDE; TGFbeta; TGF-beta1
NCBI Protein Information	transforming growth factor beta-1 proprotein
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGFB; TGF-beta-1; LAP
UniProt Entry Name	TGFB1_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://www.aaabiotech.com/polyclonal/tgfb1-antibody-immunohistochemistry-elisa/175782>