

Rabbit anti-Mouse, Rat TGFB1 Polyclonal Antibody | anti-TGFB1 antibody

TGFB1 Polyclonal Antibody

CATALOG # AAA174394	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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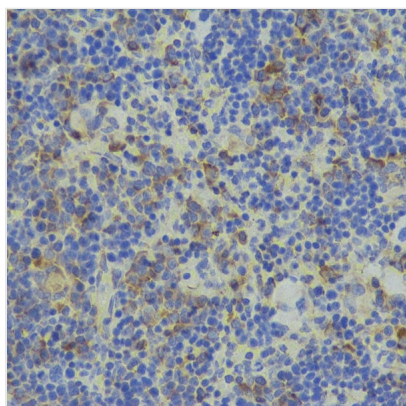
PRODUCT SYNONYMS

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

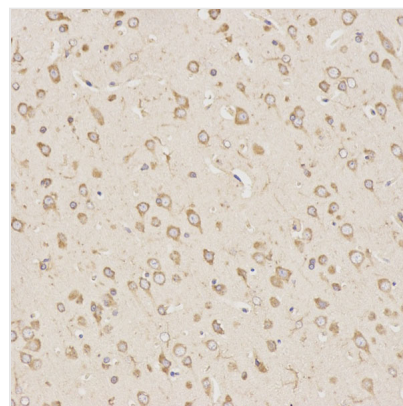
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence Length	390
Applicable Applications for anti-TGFB1 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse TGFbeta1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



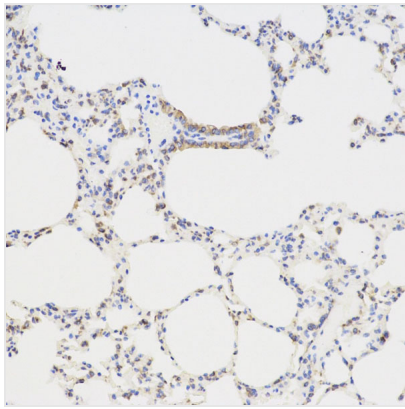
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat lung using TGFB1 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse brain using TGFB1 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded mouse lung using TGFβ1 Polyclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-TGFβ1 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 TGFβ1 peptide, and is found in either a latent form composed of a TGFβ1 homodimer, a LAP homodimer, and a latent TGFβ1-binding protein, or in an active form composed of a TGFβ1 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-TGFβ1 antibody	Cancer; Cardiovascular; Metabolism; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755775
NCBI GeneID	21803
NCBI Accession #	NP_035707.1
NCBI GenBank Nucleotide #	NM_011577.2
UniProt Accession #	P04202; P17246
Molecular Weight	44,310 Da
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	Tgfb; Tgfb-1; TGFbeta1; TGF-beta1
NCBI Protein Information	transforming growth factor beta-1 proprotein
UniProt Protein Name	Transforming growth factor beta-1 proprotein
UniProt Gene Name	Tgfb1
UniProt Synonym Gene Names	LAP; TGF-beta-1

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.

