

Rabbit anti-Mammals TGF BETA Polyclonal Antibody | anti-TGF BETA antibody

RABBIT ANTI HUMAN TGF BETA

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50056	Rabbit	Mammals	Western Blot, Immunohistochemistry, ELISA

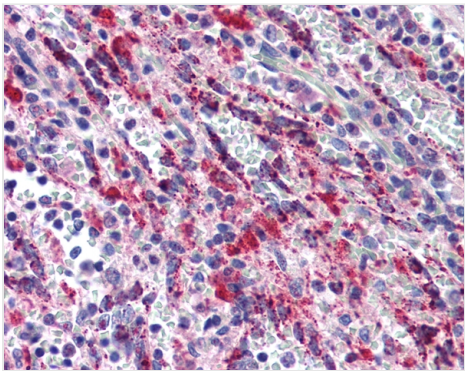
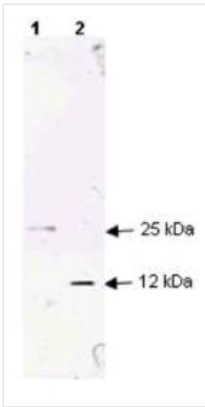
PRODUCT SYNONYMS

TGF BETA; Polyclonal Antibody; RABBIT ANTI HUMAN TGF BETA; anti-TGF BETA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mammals
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.4 mg/ml. (varies by lot)
Sequence Length	390
Applicable Applications for anti-TGF BETA antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Histology Positive Control Tissue	Human spleen Buffer Solution
Antiserum Preparation	Antisera to Human TGF-beta1 were raised by repeated immunisation of Rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Staining of formalin fixed, paraffin embedded human spleen with Rabbit anti Human TGF beta (AAA50056)

Application Data
Western blot analysis of human spleen whole cell lysate probed with Rabbit anti Human TGF beta (AAA50056) under non-reducing conditions (Lane 1) and reducing conditions (Lane 2)

ADDITIONAL INFORMATION

Related Product Information for anti-TGF BETA antibody

Rabbit anti Human TGF beta antibody recognizes human Transforming Growth Factor Beta 1 (TGF-beta1), a 390 amino acid secreted protein belonging to the TGF-beta family. TGF-beta1 is a multifunctional protein that controls proliferation, differentiation and other functions in a wide range of cell types and both positively and negatively regulates many other growth factors. TGF-beta1 also plays an important role in bone remodelling through stimulation of oestoblastic bone formation causing chemotaxis, proliferation and differentiation in committed osteoblasts. Defects in TGFB1 are the cause of Camurati-Engelmann disease (CED), also known as progressive diaphyseal dysplasia 1 (Kinoshita et al. 2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	63025222
NCBI GeneID	7040
NCBI Accession #	NP_000651.3
NCBI GenBank Nucleotide #	NM_000660.5
UniProt Accession #	P01137; Q9UCG4; A8K792
Molecular Weight	44,341 Da
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Synonym Full Names	transforming growth factor, beta 1
NCBI Official Symbol	TGFB1
NCBI Official Synonym Symbols	CED; LAP; DPD1; TGFB; TGFbeta
NCBI Protein Information	transforming growth factor beta-1; TGF-beta-1; latency-associated peptide; prepro-transforming growth factor beta-1
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.

