

Rabbit anti-Human TGF Beta 2 Polyclonal Antibody | anti-TGFB2 antibody

TGF Beta 2 Antibody (C-term)

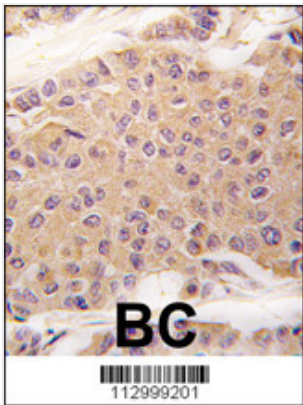
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286684	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

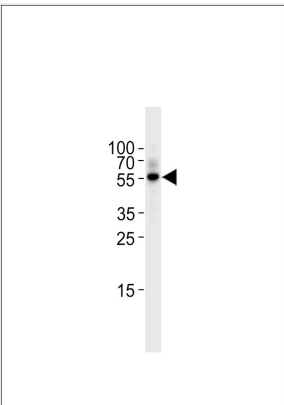
TGF Beta 2; Polyclonal Antibody; TGF Beta 2 Antibody (C-term); Transforming growth factor beta-2; TGF-beta-2; BSC-1 cell growth inhibitor; Cetermin; Glioblastoma-derived T-cell suppressor factor; G-TSF; Polyergin; Latency-associated peptide; LAP; TGFB2; anti-TGFB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TGF Beta 2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-306 amino acids from the C-terminal region of human TGF Beta 2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	277-306
Sequence Length	442
Applicable Applications for anti-TGFB2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with TGFB2 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
TGFB2 Antibody (C-term) western blot analysis in Raji cell line lysates (35ug/lane).This demonstrates the TGFB2 antibody detected the TGFB2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TGFB2 antibody	Transforming growth factor-beta 2 (TGF-?2) is a cytokine that performs many cellular functions and has a vital role during embryonic development. It is an extracellular glycosylated protein. It is known to suppress the effects of interleukin dependent T-cell tumors. There are two named isoforms of this protein, created by alternative splicing of the same gene.
Product Categories/Family for anti-TGFB2 antibody	Crown Antibodies; Cancer; Cardiovascular; Developmental Biology; Metabolism; Signal Transduction
References	Hatsushika,K., Clin. Exp. Allergy 37 (8), 1165-1174 (2007) Jimi,S., Int. J. Oncol. 31 (2), 397-404 (2007) Ito,T., Biochem. Biophys. Res. Commun. 359 (1), 108-114 (2007) Yao,K., Mol. Vis. 13, 1769-1776 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	208022653
NCBI GeneID	7042
NCBI Accession #	NP_001129071.1; NP_003229.1
NCBI GenBank Nucleotide #	NM_001135599.2
UniProt Accession #	P61812; P08112; Q15579; Q15581; Q4VAV9; B4DKC5
Molecular Weight	47748
NCBI Official Full Name	transforming growth factor beta-2 isoform 1
NCBI Official Synonym Full Names	transforming growth factor, beta 2
NCBI Official Symbol	TGFB2
NCBI Official Synonym Symbols	LDS4; TGF-beta2
NCBI Protein Information	transforming growth factor beta-2
UniProt Protein Name	Transforming growth factor beta-2
UniProt Gene Name	TGFB2
UniProt Synonym Gene Names	TGF-beta-2; G-TSF; LAP
UniProt Entry Name	TGFB2_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/tgf-beta-2-antibody-western-blot-immunohistochemistry-elisa/286684>