

Rabbit anti-Human, Mouse Transforming Growth Factor (TGF) beta 1, middle region Polyclonal Antibody | anti-TGF antibody

Transforming Growth Factor (TGF) beta 1, middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76685	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, Immunocytochemistry

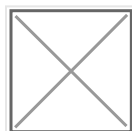
PRODUCT SYNONYMS

Transforming Growth Factor (TGF) beta 1; middle region; Polyclonal Antibody; anti-TGF antibody

PRODUCT SPECIFICATIONS

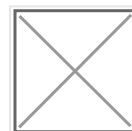
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Form/Format	Affinity Purified antibody Lyophilized powder
Applicable Applications for anti-TGF antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Synthetic peptide
Preparation and Storage	The product can be stored as supplied for up to 12 months at 2-4 degree C. After reconstitution, aliquot and store at -20 degree C for higher stability or at 4 degree C with an appropriate antibacterial agent. Avoid freeze thaw-cycles.

IMAGES



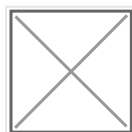
WB (Western Blot)

Western blot analysis using RA21028



IHC (Immunohistochemistry)

Immunohistochemical detection of TGF beta 1 in formalin fixed human prostate. 5 um paraffin-embedded tissue sections were incubated with rabbit polyclonal antibody to TGF beta 1 at 8ug/mL overnight at 4 degree C followed by HRP/AEC detection (red) and counterstaining with hematoxylin (blue).



IHC (Immunohistochemistry)

Immunohistochemical detection of TGF beta 1 in distal convoluted tubules in mouse kidney cortex. Tissue was fixed with 4% formaldehyde and cut into 12 um thick cryostat sections. Tissue sections were incubated with rabbit polyclonal antibody to TGF beta 1 at 8ug/mL overnight at 4 degree C followed by incubation with Donkey anti-rabbit Rhodamine Red conjugated secondary antibodies at 1:200 dilution. Nuclei were counterstained with DAPI (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-TGF antibody	TGF beta 1 (TGFB1) is a protein performing many fiunctions including control of proliferation and differentiation, and regulates the actions of many other growth factors. It is a potent stimulator of osteoblastic bone formation. Inactive TGFB1 is a homodimer consisting of a TGFB1 which is non-covalently linked to a latency-associated peptide (LAP), and the active form of TGFB1 is a homodimer of mature TGFB1 protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	135675
NCBI GeneID	21803
UniProt Accession #	P04202
Molecular Weight	44,310 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	Tgfb; Tgfb-1; TGFbeta1; TGF-beta1
NCBI Protein Information	transforming growth factor beta-1; TGF-beta 1; TGF-beta-1; regulatory protein; transforming growth factor-beta 1
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	Tgfb1
UniProt Synonym Gene Names	TGF-beta-1; LAP
UniProt Entry Name	TGFB1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/transforming-growth-factor-tgf-beta-1-middle-region-antibody-immunofluorescence-immunohistochemistry-western-blot-immunocytochemistry-elisa/76685>