Rabbit TGFB1 Polyclonal Antibody | anti-TGFB1 antibody

TGFB1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30644	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

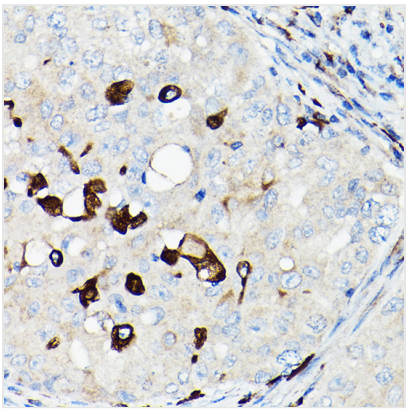
PRODUCT SYNONYMS

TGFB1; Polyclonal Antibody; TGFB1 Rabbit Polyclonal Antibody; CED; DPD1; LAP; TGFB; TGFbeta; TGF-??; anti-TGFB1 antibody

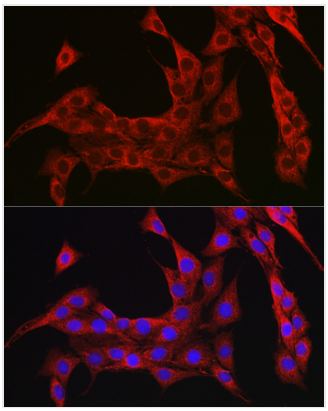
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-TGFB1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human TGFB1 (NP_000651.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

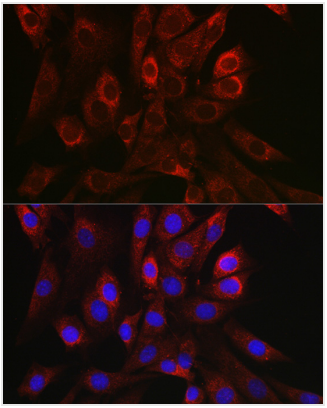
IMAGES



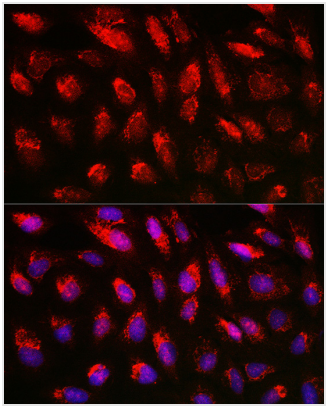
IHC (Immunohistchemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using TGFB1 Rabbit pAb.



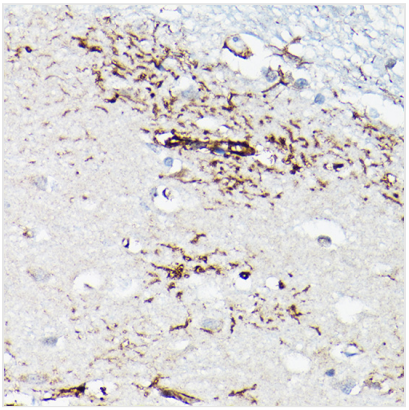
IF (Immunofluorescence)
Immunofluorescence analysis of PC-12 cells using TGFB1 antibody.



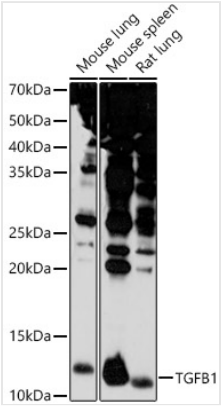
IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells using TGFB1 antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using TGFB1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human brain using TGFB1 Rabbit pAb.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TGFB1 antibody.

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	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	63025222
NCBI GeneID	7040
NCBI Accession #	NP_000651.3
NCBI GenBank Nucleotide #	NM_000660.4
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; TGF-beta 1 protein; latency-associated peptide
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/tgfb1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30644