

Anti-TGFB1 antibody

Cat. No.	ml162976
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-TGFB1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human TGFB1
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TGFB1
Full name	transforming growth factor beta 1
Synonyms	CED; LAP; DPD1; TGFB; TGFbeta
Swissprot	P01137

Target Background

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.

订购热线: 4008-898-798

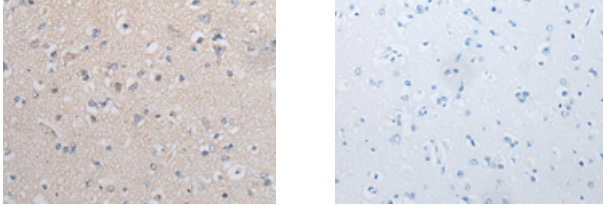
Applications

Immunohistochemistry

Predicted cell location: Secreted

Positive control: Human brain

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml162976(TGFB1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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