

TGFB1 Polyclonal Antibody

Catalog No. E-AB-70076

Note: Centrifuge before opening to ensure complete recovery of vial contents.

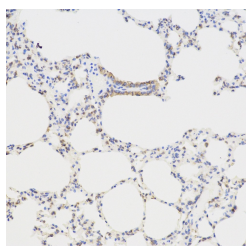
Description

Reactivity	Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse TGFβ1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

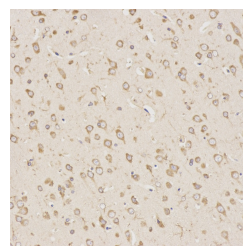
Applications Recommended Dilution

IHC 1:200-1:800

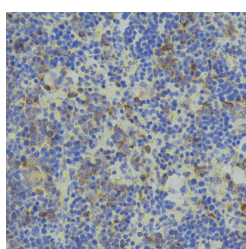
Data



Immunohistochemistry analysis of paraffin-embedded mouse lung using TGFB1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded mouse brain using TGFB1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat spleen using TGFB1 Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the transforming growth factor beta (TGFB) family of cytokines, which are

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multifunctional peptides that regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types. Many cells have TGF β 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 TGF β 1 peptide, and is found in either a latent form composed of a TGF β 1 homodimer, a LAP homodimer, and a latent TGF β 1-binding protein, or in an active form composed of a TGF β 1 homodimer. The mature peptide may also form heterodimers with other TGF β family members. This gene is frequently upregulated in tumor cells, and mutations in this gene result in Camurati-Engelmann disease.