

Product Name: TGF β 1/3 Rabbit Monoclonal Antibody

Catalog #: AMRe21433

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	IHC 1:1000-1:4000;WB 1:500-1:2000;IF 1:200-1:1000;ELISA 1:5000-1:20000;
Molecular Weight	Calculated MW:44kD;Observed MW:44kD,13kD

Antigen Information

Gene Name	TGFB1 TGFB3 Transforming growth factor beta-1 proprotein;Latency-associated
Alternative Names	peptide;LAP;Transforming growth factor beta-1;TGF-beta-1;Transforming growth factor beta-3 proprotein;Transforming growth factor beta-3;TGF-beta-3;
Gene ID	7040;7043
SwissProt ID	P01137;P10600
Immunogen	

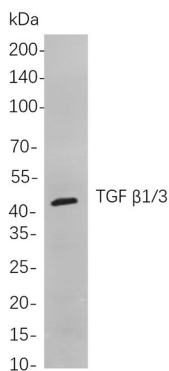
Background

Cell localization:Secreted.This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily

of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate a latency-associated peptide (LAP) and a mature peptide, and is found in either a latent form composed of a mature peptide homodimer, a LAP homodimer, and a latent TGF-beta binding protein, or in an active form consisting solely of the mature peptide homodimer. The mature peptide may also form heterodimers with other TGF-beta family members. This protein is involved in embryogenesis and cell differentiation, and may play a role in wound healing. Mutations in this gene are a cause of aortic aneurysms and dissections, as well as familial arrhythmogenic

Research Area

Image Data



Western blot analysis of lysates from A431 cells, using TGF β 1/3 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.