Summary

Production Name	TGF beta 1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	TGFB1
Alternative Names	TGF beta 1; TGFB; CED; LAP
Gene ID	7040
SwissProt ID	P01137

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 44 kDa; Observed MW: 44 kDa

Background

Multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells
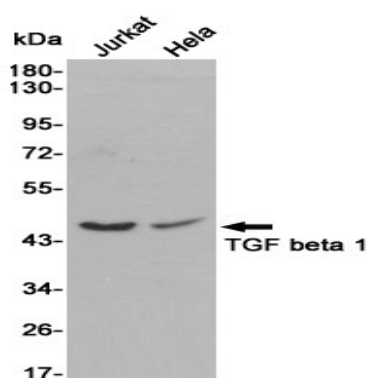
synthesize TGFB1 and have specific receptors for it. It positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts.
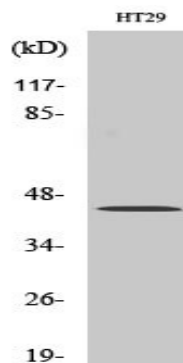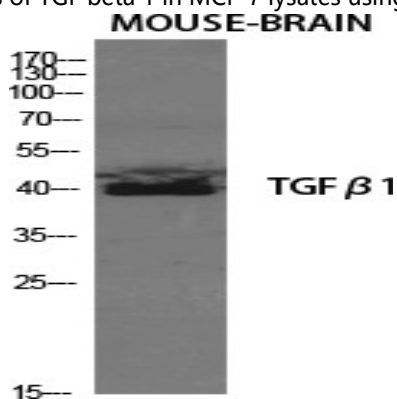
Research Area

Cardiovascular

Image Data

Western blot analysis of TGF beta 1 in Jurkat and Hela lysates using TGF beta 1 antibody.
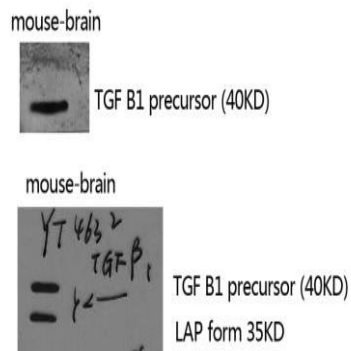

Western blot analysis of TGF beta 1 in MCF-7 lysates using TGFbeta1 antibody.

Western blot analysis of TGF beta 1 in mouse brain lysates using TGFu3b21 antibody

Western blot analysis of TGF beta 1 in mouse brain lysates using TGF beta 1 antibody

Note
For research use only.