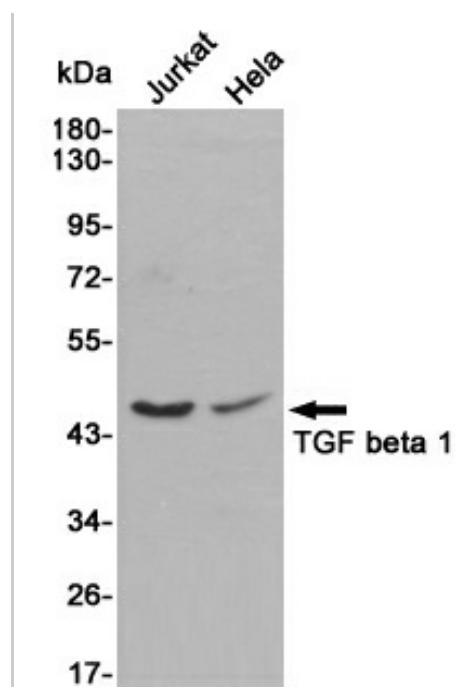


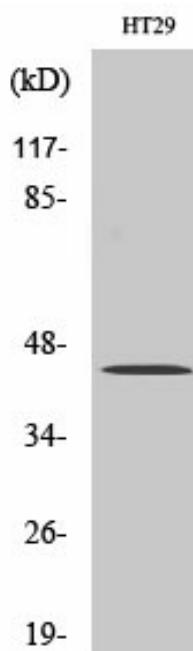


Swiss-Prot No.:	P01137
Altermname:	TGF beta 1; TGFB; CED; LAP
Immunogen:	The antiserum was produced against synthesized peptide derived from human TGF beta1. AA range:336-385
Purification:	Affinity Purified
Reactivity:	Human, Mouse, Rat
Other Names:	Cartilage-inducing factor; CED; Differentiation inhibiting factor; DPD1; LAP; Latency-associated peptide; Prepro transforming growth factor beta 1; TGF beta 1; TGF beta; TGF beta 1 protein; TGF-beta 1 protein; TGF-beta-1; TGF-beta-5; TGF-beta1; TGFB; Tgfb-1; tgfb1; TGFB1_HUMAN; TGFbeta; TGFbeta1; Transforming Growth Factor b1; Transforming Growth Factor beta 1; Transforming growth factor beta 1a; transforming growth factor beta-1; transforming growth factor, beta 1; Transforming Growth Factor-?1.
Gene ID:	7040
Cellular localization:	Extracellular matrix, Secreted
Source:	Rabbit
Antibody type:	Polyclonal Antibody
Isotype:	IgG

Molecular Weight:	Calculated MW: 44 kDa; Observed MW: 44 kDa
Entrez summary:	CEP78;C9orf81
Preservative:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Recommended Dilutions:	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Product Type:	Primary Antibody
Applications:	WB,IHC-F,IHC-P,ICC/IF,ELISA
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.
Clone Number:	-
Gene Name:	TGFB1
Storage/Stability:	Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze/thaw cycles.
Form of Antibody:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.



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.