

## TGF BETA 1 RABBIT PAB

**Cat.#:** N225468

**Product Name:** Anti-TGF beta 1 Rabbit pAb

**Synonyms:** TGF beta 1; TGFB; CED; LAP

**UNIPROT ID:** P01137

**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.

**Immunogen:** The antiserum was produced against synthesized peptide derived from human TGF beta1. AA range:336-385

**Applications:** WB,IHC-F,IHC-P,ICC/IF,ELISA

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
ELISA: 1/10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 44 kDa; Observed MW: 44 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

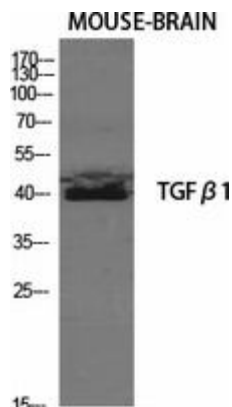
**Conjugation:** Unconjugated

**Modification:** Unmodified

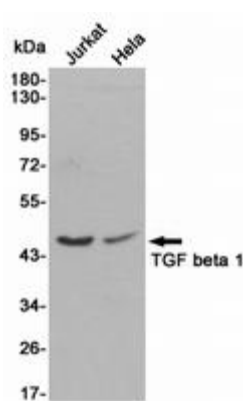
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cardiovascular

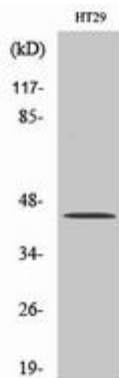
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



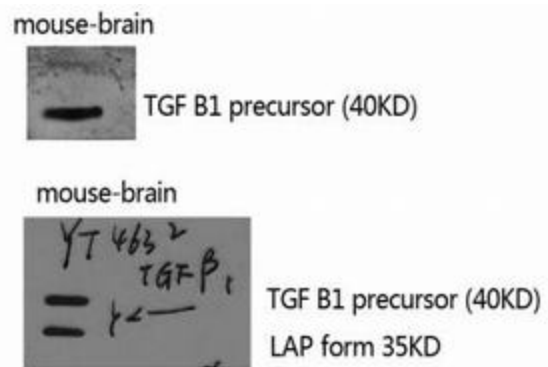
Western blot analysis of TGF beta 1 in mouse brain lysates using TGFu3b21 antibody



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 TGF beta 1 antibody