

## 35-1846: Polyclonal Antibody to TGF- $\beta$

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	TGFB1
<b>Gene ID :</b>	7040
<b>Uniprot ID :</b>	P01137
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CED,LAP,DPD1,TGFB ,TGFbeta
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.378-382(Q-L-S-N-M) derived from Human TGF- $\beta$ .

### Description

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.

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	1.0 mg/ml,100 $\mu$ l
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 12, 45-65kd, Western blotting: 1: 500~1: 1000

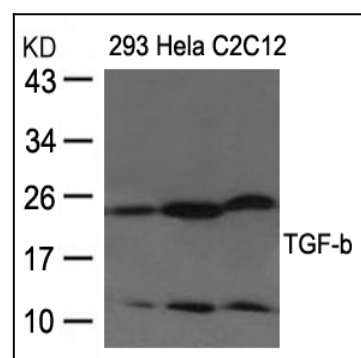


Figure 1: Western blot analysis of extracts from 293, HeLa and C2C12 cells using TGF- $\beta$  Antibody 35-1846 .