

## Product Datasheet

# TGF beta 1 Antibody



Catalog No: CY6608

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB

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### Information

**UniProt ID:** P01137

**All Names:** CED; diaphyseal dysplasia 1, progressive; DPD1; TGF-beta 1; TGFB1;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

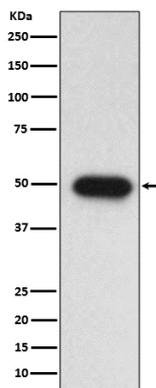
**Molecular Wt.:** 48 kDa

### Application

WB 1:500~1:1000

### 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.



Western blot analysis of TGF beta 1 expression in A549 lysate.

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