

# TGFβ1 Polyclonal Antibody

Catalog # AP63582

#### **Product Information**

Application WB Primary Accession P01137

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW44325

#### **Additional Information**

**Gene ID** 7040

Other Names TGFB1; TGFB; Transforming growth factor beta-1; TGF-beta-1

**Dilution** WB~~WB: 1:1000-2000

Format PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50%

Glycerol.

Storage Conditions -20°C

#### **Protein Information**

Name TGFB1 ( HGNC:11766)

**Synonyms** TGFB

**Function** Transforming growth factor beta-1 proprotein: Precursor of the

Latency-associated peptide (LAP) and Transforming growth factor beta-1 (TGF-beta-1) chains, which constitute the regulatory and active subunit of

TGF-beta-1, respectively.

**Cellular Location** [Latency-associated peptide]: Secreted, extracellular space, extracellular

matrix

**Tissue Location** Highly expressed in bone (PubMed:11746498, PubMed:17827158).

Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA) (PubMed:11746498, PubMed:17827158). Colocalizes

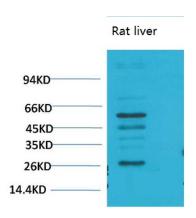
with ASPN in chondrocytes within OA lesions of articular cartilage

(PubMed:17827158)

### **Background**

Transforming growth factor beta-1 proprotein: Precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-1 (TGF-beta-1) chains, which constitute the regulatory and active subunit of TGF-beta-1, respectively.

## **Images**



Western blot analysis of Rat LiverTissue using TGF $\beta$ 1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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