

TGF ^{β1} Polyclonal Antibody

Catalog # AP74322

Specification

TGF β1 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>P01137</u> Human, Mouse, Rat Rabbit Polyclonal

TGF *β***1** Polyclonal Antibody - Additional Information

Gene ID 7040

Other Names Transforming growth factor beta-1 (TGF-beta-1) [Cleaved into: Latency-associated peptide (LAP)]

Dilution WB~~WB 1:500-2000, ELISA 1:10000-20000

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

TGF **β1** Polyclonal Antibody - 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)

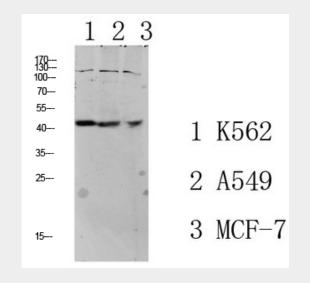


TGF β1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TGF β1 Polyclonal Antibody - Images



TGF β1 Polyclonal Antibody - 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.