

Anti-TGF beta 1 Rabbit Monoclonal Antibody
Catalog # ABO15154**Specification****Anti-TGF beta 1 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	P01137
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-TGF beta 1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-TGF beta 1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 7040

Other Names

Transforming growth factor beta-1 proprotein, Latency-associated peptide, LAP, Transforming growth factor beta-1, TGF-beta-1, TGFB1 ([HGNC:11766](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11766)), TGFB

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human TGF beta 1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-TGF beta 1 Rabbit Monoclonal 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

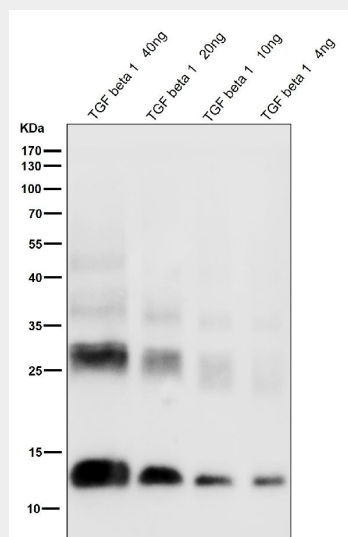
Tissue Location

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)

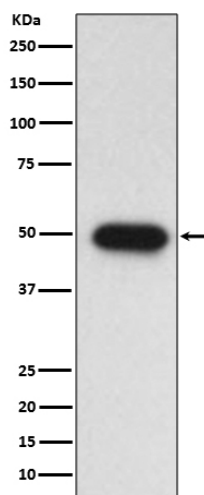
Anti-TGF beta 1 Rabbit Monoclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TGF beta 1 Rabbit Monoclonal Antibody - Images

All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.



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