

KD-Validated Anti-TGF beta 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1489

Product Information

Application	WB
Primary Accession	P01137
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4835
Calculated MW	44325
Gene Name	TGFB1
Aliases	TGFB1; Transforming Growth Factor Beta 1; TGFB; CED; Transforming Growth Factor Beta-1 Proprotein; Prepro-Transforming Growth Factor Beta-1; TGFbeta; DPD1; Diaphyseal Dysplasia 1, Progressive; Transforming Growth Factor, Beta 1; Transforming Growth Factor Beta 1; Camurati-Engelmann Disease; Latency-Associated Peptide; TGF-Beta-1; TGF-Beta1; IBDIMDE; TGFBETA; LAP
Immunogen	A synthesized peptide derived from human TGF beta 1

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), TGFB

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.