

TNXB Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TNXB.

Catalog # AT4296a

Product Information

Application	WB, IP, E
Primary Accession	P22105
Other Accession	BC033740
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2D3-1B10
Calculated MW	458388

Additional Information

Gene ID	7148
Other Names	Tenascin-X, TN-X, Hexabrachion-like protein, TNXB, HXBL, TNX, TNXB1, TNXB2, XB
Target/Specificity	TNXB (AAH33740, 1 a.a. ~ 673 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TNXB Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

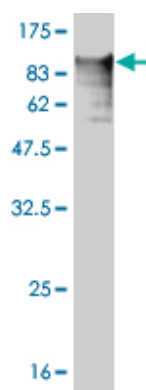
Background

This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The tenascins have anti-adhesive effects, as opposed to fibronectin which is adhesive. This protein is thought to function in matrix maturation during wound healing, and its deficiency has been associated with the connective tissue disorder Ehlers-Danlos syndrome. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. It is one of four genes in this cluster which have been duplicated. The duplicated copy of this gene is incomplete and is a pseudogene which is transcribed but does not encode a protein. The structure of this gene is unusual in that it overlaps the CREBL1 and CYP21A2 genes at its 5' and 3' ends, respectively. Multiple transcript variants encoding different isoforms have been found for this gene.

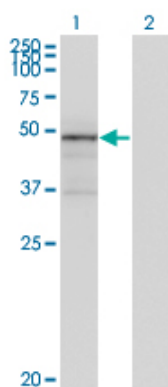
References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Examination of genetic polymorphisms in newborns for signatures of sex-specific prenatal selection. Ucisik-Akkaya E, et al. Mol Hum Reprod, 2010 Oct. PMID 20587610. Common genetic variation and the control of HIV-1 in humans. Fellay J, et al. PLoS Genet, 2009 Dec. PMID 20041166. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Genetic evidence for a role of IL33 in nasal polyposis. Buyschaert ID, et al. Allergy, 2010 May. PMID 19860791.

Images

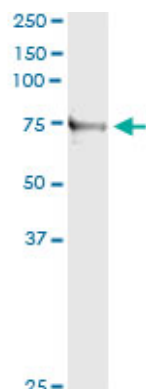


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (99.77 KDa) .



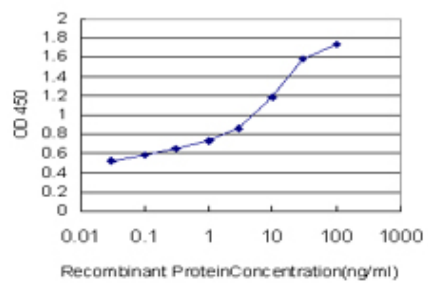
Western Blot analysis of TNXB expression in transfected 293T cell line by TNXB monoclonal antibody (M01), clone 2D3-1B10.

Lane 1: TNXB transfected lysate (Predicted MW: 74 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation of TNXB transfected lysate using anti-TNXB monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with TNXB MaxPab rabbit polyclonal antibody.

Detection limit for recombinant GST tagged TNXB is approximately 0.03ng/ml as a capture antibody.



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