

ARG58135 anti-TNXB antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TNXB
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TNXB
Species	Human
Immunogen	Synthetic peptide of Human TNXB. (DLRAVAVSGLDPARKYKFLFGLQNGKRH)
Conjugation	Un-conjugated
Alternate Names	EDS3; Hexabrachion-like protein; XB; TNXB1; TNX; HXBL; TN-X; TENX; XBS; TNXBS; VUR8; TNXB2; Tenascin-X

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

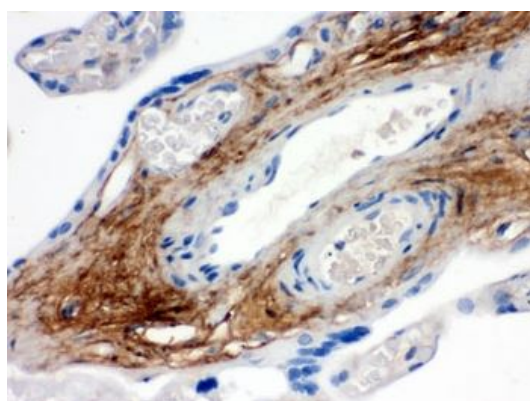
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TNXB
Gene Full Name	tenascin XB
Background	<p>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. [provided by RefSeq, Jul 2008]</p>
Function	<p>Appears to mediate interactions between cells and the extracellular matrix. Substrate-adhesion molecule that appears to inhibit cell migration. Accelerates collagen fibril formation. May play a role in supporting the growth of epithelial tumors. [UniProt]</p>
Calculated Mw	458 kDa
Cellular Localization	Cytoplasmic. [UniProt]

Images



ARG58135 anti-TNXB antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human placenta stained with ARG58135 anti-TNXB antibody.
Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT.