

anti-Human TNXB Polyclonal Antibody | anti-TNXB antibody

Anti-TNXB Antibody

CATALOG # AAA46295	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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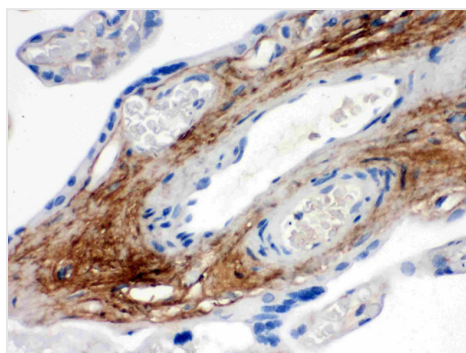
PRODUCT SYNONYMS

TNXB; Polyclonal Antibody; Anti-TNXB Antibody; Tenascin-X; EDS3; Ehlers Danlos like syndrome; Growth inhibiting protein 45; Hexabrachion like protein; Hexabrachion-like protein; HXBL; NXB2; Tenascin X precursor; Tenascin XB; Tenascin XB1; Tenascin XB2; TENX; TENX_HUMAN; TN X; TN-X; TNX; TNXB1; TNXB2; TNXBS; VUR8; XB; XBS; tenascin XB; anti-TNXB antibody

PRODUCT SPECIFICATIONS

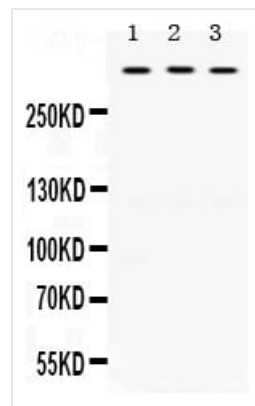
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	4242
Applicable Applications for anti-TNXB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TNXB (3309-3337aa DLRAVAVSGLDPARKYKFLFLGLQNGKRH).
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- TNXB Picoband antibody, AAA46295, IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)

Anti- TNXB Picoband antibody, AAA46295, Western blottingAll lanes: Anti TNXB (AAA46295) at 0.5ug/mlLane 1: MCF- 7 Whole Cell Lysate at 40ugLane 2: SW620 Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugPredicted bind size: 458KDObserved bind size: 458KD

ADDITIONAL INFORMATION

Related Product Information for anti-TNXB antibody	Description: Rabbit IgG polyclonal antibody for Tenascin-X(TNXB) detection. Tested with WB, IHC-P in Human. Background: tenascin X (TN-X), also known as hexabrachion-like protein, is a glycoprotein that is expressed in connective tissues including skin, joints and muscles. In humans, tenascin X is encoded by the TNXB gene. This gene encodes a member of the tenascins 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	1. "Entrez Gene: tenascin XB". 2. Bristow, J., Tee, M. K., Gitelman, S. E., Mellon, S. H., Miller, W. L. Tenascin-X: a novel extracellular matrix protein encoded by the human XB gene overlapping P450c21B. J. Cell Biol. 122: 265-278, 1993. 3. Tee MK, Thomson AA, Bristow J, Miller WL (July 1995). "Sequences promoting the transcription of the human XA gene overlapping P450c21A correctly predict the presence of a novel, adrenal-specific, truncated form of tenascin-X". Genomics 28 (2): 171-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528648
NCBI GeneID	7148
NCBI Accession #	NP_061978.6
NCBI GenBank Nucleotide #	NM_019105.6
UniProt Accession #	P22105; P78530; P78531; Q08424; Q08AM0; Q08AM1; Q59GU7; Q5SQD3; Q5ST74; Q7L8Q4; Q8N4R1; Q9NPK9
Molecular Weight	458,535 Da
NCBI Official Full Name	tenascin-X isoform 1
NCBI Official Synonym Full Names	tenascin XB
NCBI Official Symbol	TNXB
NCBI Official Synonym Symbols	XB; TNX; XBS; EDS3; HXBL; TENX; TN-X; VUR8; TNXB1; TNXB2; TNXBS
NCBI Protein Information	tenascin-X
UniProt Protein Name	Tenascin-X
UniProt Gene Name	TNXB
UniProt Synonym Gene Names	HXBL; TNX; TNXB1; TNXB2; XB; TN-X
UniProt Entry Name	TENX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnxb-antibody-immunohistochemistry-western-blot-elisa/46295>