TNXB rabbit monoclonal antibody

Catalog # H00007148-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TNXB peptide using ARM Technology.
Immunogen	A synthetic peptide of human TNXB is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TNXB peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — TNXB

Entrez GeneID	7148
GeneBank Accession#	TNXB
Gene Name	TNXB
Gene Alias	HXBL, TENX, TNX, TNXB1, TNXB2, TNXBS, XB, XBS
Gene Description	tenascin XB
Omim ID	130020 600985 606408
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	OTTHUMP00000062664|growth-inhibiting protein 45|hexabrachion-like|tenascin XB1|tenascin XB2|tenascin-X

Pathway

- ECM-receptor interaction
- Focal adhesion

Disease

- Abortion
- Alzheimer disease
- Arthritis

- Cardiovascular Diseases
- Cerebral Amyloid Angiopathy
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Kidney Failure
- Lupus Erythematosus
- Nasal Polyps
- Neuroblastoma
- Obesity
- Schizophrenia