

## Tenascin-X Polyclonal Antibody

### Description

|                         |  |
|-------------------------|--|
| Product type            | Primary Antibody   |
| Code                    | BT-AP08925   |
| Host                    | Rabbit   |
| Isotype                 | IgG  |
| Size                    | 20ul, 50ul, 100ul  |
| Immunogen               | The antiserum was produced against synthesized peptide derived from human TNXB. AA range:1761-1810 |
| Mol wt                  | 464456   |
| Species reactivity      | Human  |
| Clonality               | Polyclonal   |
| Recommended application | IHC-p, ELISA   |
| Concentration           | 1 mg/ml  |
| Full name               | Tenascin-X Antibody  |
| Synonyms                | TNXB; HXBL; TNX; TNXB1; TNXB2; XB; Tenascin-X; TN-X; Hexabrachion-like protein                     |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

TNXB (tenascin XB) 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. TNXB 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 TNXB 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 TNXB.

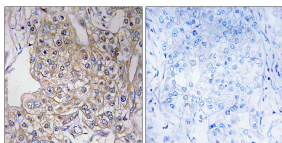
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TNXB Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year