

Product datasheet for **TA366690S**

TNXB Rabbit Polyclonal Antibody

Product data:

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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: Mouse heart tissue, Human heart tissue, TM4 cell, Rat heart tissue lysates IHC: 100-300 Positive control: Human tonsil Predicted cell location: Secreted |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human TNXB |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Predicted Protein Size: | 458 kDa |
| Gene Name: | tenascin XB |
| Database Link: | Entrez Gene 7148 Human P22105 |



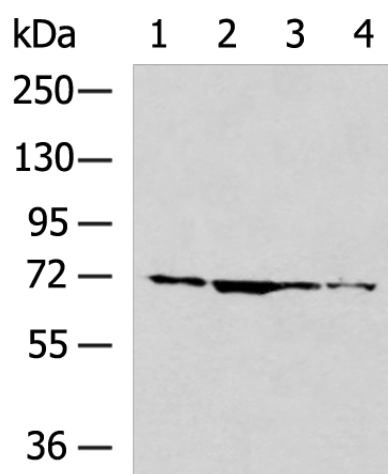
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Background:

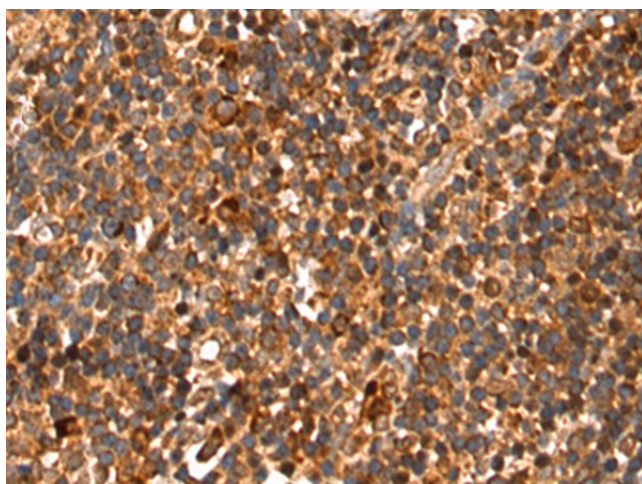
This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The tenascins have anti-adhesive effects, as opposed to fibronectin which is adhesive. This protein is thought to function in matrix maturation during wound healing, and its deficiency has been associated with the 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.

Synonyms:

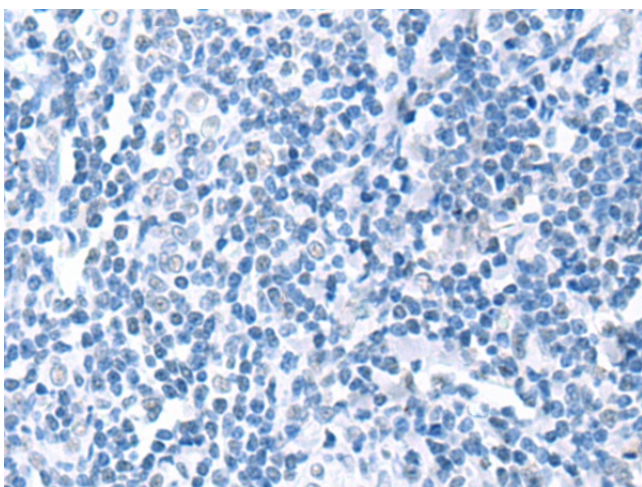
hexabrachion-like; HXBL; tenascin-X; TENX; TN-X; TNX; TNXB1; TNXB2; TNXBS; XB; XBS

Product images:


Gel: 6%SDS-PAGE
 Lysate: 40 µg
 Lane 1-4: Mouse heart tissue
 Human heart tissue
 TM4 cell
 Rat heart tissue lysates
 Primary antibody: [TA366690] (TNXB Antibody) at dilution 1/800
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 2 minutes



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA366690] (TNXB Antibody) at dilution 1/85 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA366690] (TNXB Antibody) at dilution 1/85, treated with fusion protein. (Original magnification: x200)