

Product datasheet for **TA322281S**

TNXB Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 50-200 Positive control: Human brain Predicted cell location: Secreted, ExtraCellular space, ExtraCellular matrix |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide corresponding to a region derived from 2629-2643 amino acids of human tenascin XB |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | tenascin XB |
| Database Link: | NP_061978 Entrez Gene 7148 Human P22105 |



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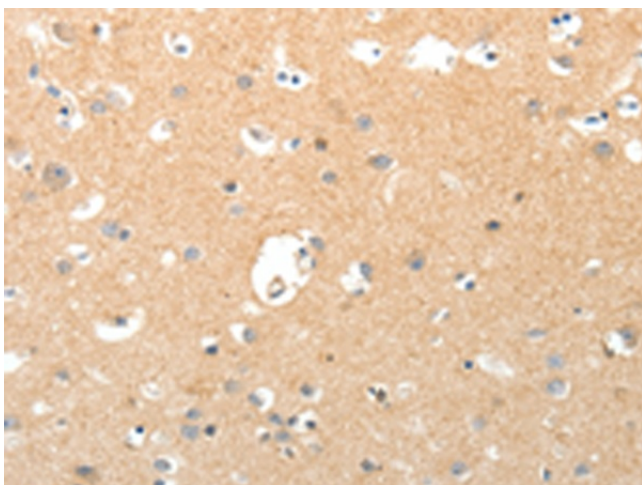
Background: This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The tenascins have anti-adhesive effects; as opposed to fibronectin which is adhesive. This protein is thought to function in matrix maturation during wound healing; and its deficiency has been associated 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: EDS3; HXBL; TENX; TN-X; TNX; TNXB1; TNXB2; TNXBS; VUR8; XB; XBS

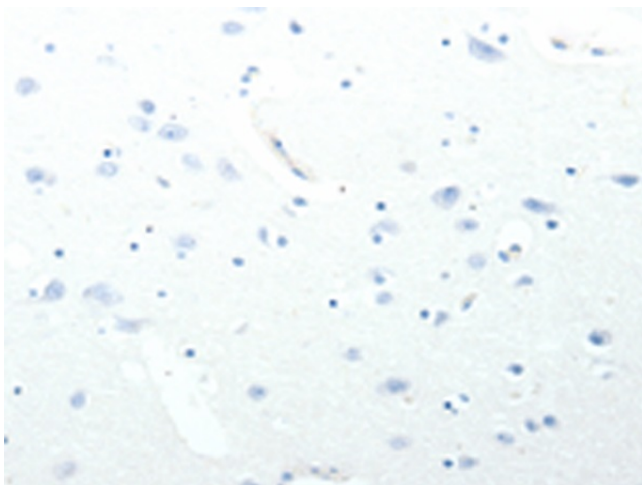
Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: ECM-receptor interaction, Focal adhesion

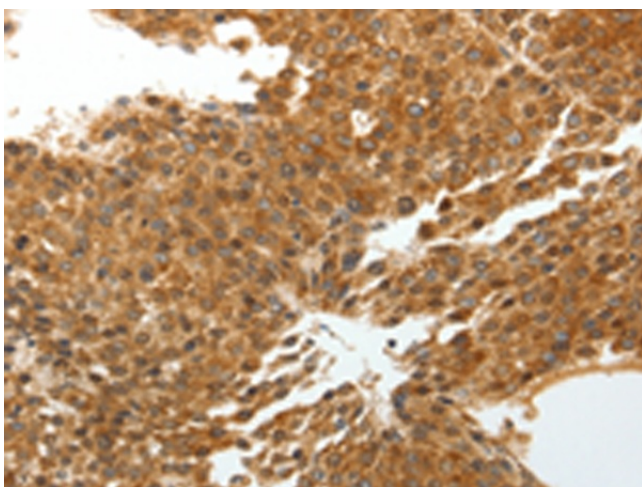
Product images:



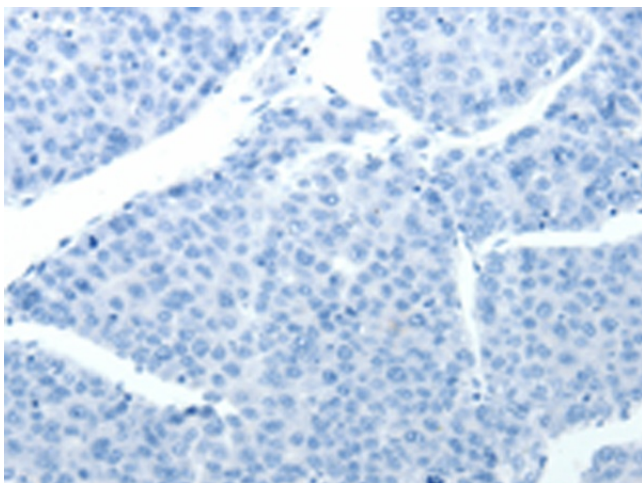
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322281] (TNXB Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322281] (TNXB Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322281] (TNXB Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA322281] (TNXB Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: $\times 200$)