

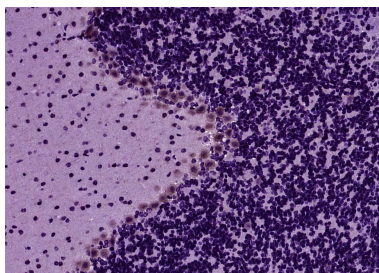
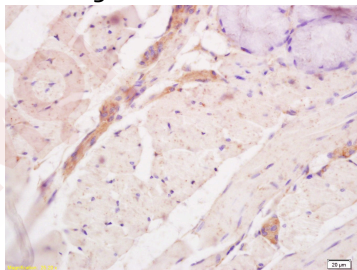
## Anti-Tenascin Polyclonal Antibody 2

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Dog,Pig,Cow,Rabbit)
Molecular Weight:	Theoretical: 230 kDa.
Purification:	Protein A purified

### Applications

- Verified Activity:
1. Tissue/cell: rat tongue tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Tenascin c (C terminal) Polyclonal Antibody, Unconjugated (TMAB-01815) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.
  2. Paraformaldehyde-fixed, paraffin embedded (Mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Tenascin C) Polyclonal Antibody, Unconjugated (TMAB-01815) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Tenascin C

Antigen Species: Human

Gene ID: 3371

Uniprot ID: P24821

Synonyms: Glioma-associated-extracellular matrix antigen;TNC;Hexabrachion;Neuronectin;GMEM;JI; Tenascin;HXB;Cytotactin;TN;Myotendinous antigen;Tenascin-C (TN-C);GP 150-225

Biology Area: ECM Proteins,Neural Signal Transduction,Secreted Molecules,Extracellular

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### Research Background

Tenascin, also known as hexabrachion and cytotactin, is an extracellular matrix protein with a spatially and temporally restricted tissue distribution. It is a hexameric, multidomain protein with disulfide linked subunits of 190 to 240 kD, originally characterized as 'myotendinous antigen.' In the embryo it is present in dense mesenchyme surrounding developing epithelia and in developing cartilage and bone. In the adult, tenascin remains present in tendons and myotendinous junctions in the perichondrium and periosteum, as well as in smooth muscle.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481