

# Tenascin C Rabbit pAb

**Catalog No.: A18156**

## Basic Information

### Observed MW

240-260kDa

### Calculated MW

241kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

3371

### Swiss Prot

P24821

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1990-2201 of human Tenascin C (NP\_002151.2).

### Synonyms

GP; JI; TN; HXB; GMEM; TN-C; DFNA56; 150-225; Tenascin C

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

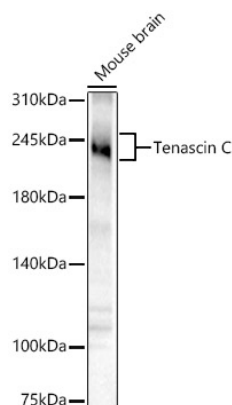
Affinity purification

### Storage

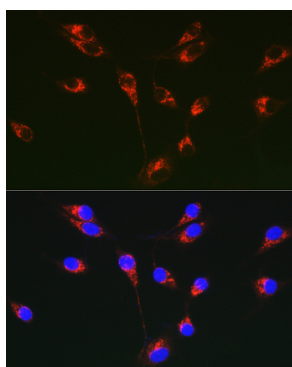
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

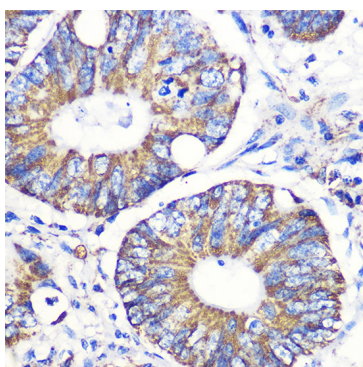
## Validation Data



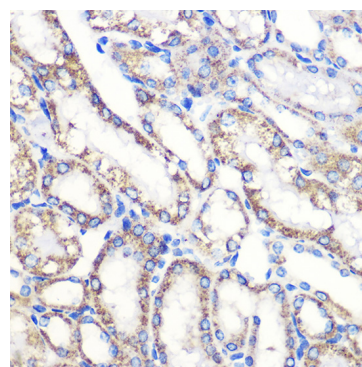
Western blot analysis of lysates from Mouse brain using Tenascin C Rabbit pAb(A18156) at 1:400 dilution.  
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection:ECL Basic Kit (RM00020).  
Exposure time:180s.



Immunofluorescence analysis of U-87MG cells using Tenascin C Rabbit pAb (A18156) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using Tenascin C Rabbit pAb (A18156) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using Tenascin C Rabbit pAb (A18156) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.