Anti-Tenascin C antibody ab233198

Overview

Product name: Anti-Tenascin C antibody
Description: Rabbit polyclonal to Tenascin C
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P
Species reactivity: Reacts with: Rat

Predicted to work with: Mouse, Human

Immunogen:
Recombinant fragment (His-tag) corresponding to Rat Tenascin C aa 175-342. N-terminal tag.
Sequence:
VCEPGWKGPNCEPENCGNCLRGQCLDGQCDQ
GFTGEDCSQLACPND
CNDQKCVNGVCVCFEGYAGLCGLDVCPCPESEE
HGMCDGRCVCKDG
AGEDCNEPLCFNNCNRRGCRVENECVDEGFTGED
CSELICPNDCTCRGRCVINGTCEEGFTGED

Database link: B2LY19

Positive control:
IHC-P: Rat testis tissue. WB: Recombinant rat Tenascin C protein; Rat placenta and stomach lysate.

Properties

Form: Liquid
Storage instructions:

Storage buffer:
pH: 7.4
Preservative: 0.02% Sodium azide
Constituents: PBS, 50% Glycerol

Purity:
Protein A purified

Purification notes:
Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab233198 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 0.2 - 2 µg/ml.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>Use a concentration of 5 - 20 µg/ml.</td>
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Target

Function

Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6.

Sequence similarities

Belongs to the tenascin family.
Contains 15 EGF-like domains.
Contains 1 fibrinogen C-terminal domain.
Contains 15 fibronectin type-III domains.

Cellular localization

Secreted > extracellular space > extracellular matrix.

Images

Formalin-fixed, paraffin-embedded rat testis tissue stained for tenasin C using ab233198 at 20 µg/mL in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tenascin C antibody (ab233198)
Anti-Tenascin C antibody (ab233198) at 1 µg/ml + Rat placenta tissue lysate

Secondary
HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 0.2 µg/ml

Anti-Tenascin C antibody (ab233198) at 1 µg/ml + Rat stomach tissue lysate

Secondary
HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 0.2 µg/ml

Anti-Tenascin C antibody (ab233198) at 2 µg/ml + Recombinant rat Tenascin C protein

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