

# Product datasheet

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## ARG41500 anti-Tenascin C antibody

Package: 100 μl Store at: -20°C

#### **Summary**

Clonality

**Product Description** Rabbit Polyclonal antibody recognizes Tenascin C

**Tested Reactivity** Hu **Tested Application** WB Host Rabbit

Polyclonal

Isotype IgG

**Target Name** Tenascin C

**Species** Human

Immunogen Synthetic peptide of Human Tenascin C.

Conjugation Un-conjugated

**Alternate Names** Cytotactin; HXB; DFNA56; Myotendinous antigen; Hexabrachion; GP; Tenascin-C; Neuronectin; GMEM;

TN; 150-225; JI; TN-C; GP 150-225; Glioma-associated-extracellular matrix antigen; Tenascin

### **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human fetal brain	

### **Properties**

Liquid Form

Purification Affinity purified.

Buffer PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

For laboratory research only, not for drug, diagnostic or other use. Note

#### Bioinformation

Gene Symbol TNC

Gene Full Name tenascin C

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. [provided by RefSeq, Jul 2011]

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

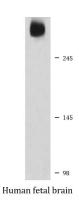
cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1,

alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6. [UniProt]

Calculated Mw 241 kDa

Cellular Localization Secreted, extracellular space, extracellular matrix. [UniProt]

## **Images**



#### ARG41500 anti-Tenascin C antibody WB image

Western blot: Human fetal brain lysate stained with ARG41500 anti-Tenascin C antibody.