

Basic Information

Product Name	Anti-Tenascin-C/TNC Antibody
Gene Name	TNC
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen	A synthesized peptide derived from human Tenascin C
concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	241KD
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

TNC(Tenascin C), also known as TN or HXB, is a protein that in humans is encoded by the TNC gene. By means of Southern analysis of rodent-human somatic cell hybrids and by in situ hybridization using hexabrachion cDNA probes, Gulcher et al.(1990) localized the TNC gene to chromosome 9q32-q34. Olson and Srivastava(1996) reviewed processes involved in separation of the cardiac tube into the atria, ventricles, and outflow tract. They noted that tenascin is upregulated and NCAM is downregulated in the embryonic endocardial cushions. Gherzi et al.(1997) found that the TNC gene is subject to transcriptional control by OTX2.

Selected Validation Data

