

WNT8B Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13948b**Specification**

WNT8B Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q93098](#)

WNT8B Antibody (C-term) Blocking peptide - Additional Information

Gene ID 7479

Other Names

Protein Wnt-8b, WNT8B

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13948b was selected from the C-term region of WNT8B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

WNT8B Antibody (C-term) Blocking peptide - Protein Information

Name WNT8B

Function

Ligand for members of the frizzled family of seven transmembrane receptors. May play an important role in the development and differentiation of certain forebrain structures, notably the hippocampus.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Expression is restricted to the brain, and more specifically to the forebrain.

WNT8B Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

WNT8B Antibody (C-term) Blocking peptide - Images

WNT8B Antibody (C-term) Blocking peptide - Background

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 95%, 86% and 71% amino acid identity to the mouse, zebrafish and Xenopus Wnt8B proteins, respectively. The expression patterns of the human and mouse genes appear identical and are restricted to the developing brain. The chromosomal location of this gene to 10q24 suggests it as a candidate gene for partial epilepsy.

WNT8B Antibody (C-term) Blocking peptide - References

Katoh, M., et al. Int. J. Oncol. 30(5):1273-1277(2007) Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Deloukas, P., et al. Nature 429(6990):375-381(2004) Saitoh, T., et al. Int. J. Oncol. 20(5):999-1003(2002) Saitoh, T., et al. Int. J. Oncol. 20(2):343-348(2002)