

WNT16 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13222b**Specification**

WNT16 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UBV4](#)**WNT16 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51384**Other Names**

Protein Wnt-16, WNT16

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13222b was selected from the C-term region of WNT16. 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.

WNT16 Antibody (C-term) Blocking Peptide - Protein Information**Name** WNT16**Function**

Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Isoform Wnt-16b is expressed in peripheral lymphoid organs such as spleen, appendix, and lymph nodes, in kidney but not in bone marrow. Isoform Wnt-16a is expressed at significant levels only in the pancreas

WNT16 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

WNT16 Antibody (C-term) Blocking Peptide - Images

WNT16 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 contains two transcript variants diverging at the 5' termini. These two variants are proposed to be the products of separate promoters and not to be splice variants from a single promoter. They are differentially expressed in normal tissues, one of which (variant 2) is expressed at significant levels only in the pancreas, whereas another one (variant 1) is expressed more ubiquitously with highest levels in adult kidney, placenta, brain, heart, and spleen.

WNT16 Antibody (C-term) Blocking Peptide - References

Binet, R., et al. Cancer Res. 69(24):9183-9191(2009) Memarian, A., et al. Leuk. Lymphoma 50(12):2061-2070(2009) Nygren, M.K., et al. Exp. Hematol. 37(2):225-233(2009) Teh, M.T., et al. J. Cell. Sci. 120 (PT 2), 330-339 (2007) :Casagrande, G., et al. Haematologica 91(6):765-771(2006)