

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

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**WNT16 Antibody (C-term) Blocking Peptide - Product Information**Primary 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)