

WNT9B Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16959c**Specification**

WNT9B Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O14905](#)**WNT9B Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 7484**Other Names**

Protein Wnt-9b, Protein Wnt-14b, Protein Wnt-15, WNT9B, WNT14B, WNT15

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.

WNT9B Antibody (Center) Blocking Peptide - Protein Information**Name** WNT9B**Synonyms** WNT14B {ECO:0000303|PubMed:11604992}, WN**Function**

Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Functions in the canonical Wnt/beta-catenin signaling pathway. Required for normal embryonic kidney development, and for normal development of the urogenital tract, including uterus and part of the oviduct and the upper vagina in females, and epididymis and vas deferens in males. Activates a signaling cascade in the metanephric mesenchyme that induces tubulogenesis. Acts upstream of WNT4 in the signaling pathways that mediate development of kidney tubules and the Mullerian ducts. Plays a role in craniofacial development and is required for normal fusion of the palate during embryonic development (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted

Tissue Location

Moderately expressed in fetal kidney and adult kidney. Also found in brain

WNT9B Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

WNT9B Antibody (Center) Blocking Peptide - Images

WNT9B Antibody (Center) Blocking Peptide - Background

The WNT gene family consists of structurally related genes that 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. Study of its expression in the teratocarcinoma cell line NT2 suggests that it may be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic acid. This gene is clustered with WNT3, another family member, in the chromosome 17q21 region.

WNT9B Antibody (Center) Blocking Peptide - References

Nikopensius, T., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 88(9):748-756(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :Ravel, C., et al. Fertil. Steril. 91 (4 SUPPL), 1604-1607 (2009) :Chiquet, B.T., et al. Hum. Mol. Genet. 17(14):2212-2218(2008)