

**WNT6 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16552c****Specification**

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**WNT6 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9Y6F9](#)**WNT6 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 7475**Other Names**

Protein Wnt-6, WNT6

**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.

**WNT6 Antibody (Center) Blocking Peptide - Protein Information****Name** WNT6**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. Together with CAV1 may promote chemoresistance of gastric cancer cells to DNA- damaging anthracycline drugs through the activation of the canonical Wnt receptor signaling pathway.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Expressed in gastric cancer cell lines and gastric cancer tissues (at protein level). Detected in the apical gland region of the gastric foveolar epithelium (at protein level)

**WNT6 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **WNT6 Antibody (Center) Blocking Peptide - Images**

### **WNT6 Antibody (Center) 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 is overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line. The gene overexpression may play key roles in carcinogenesis. This gene and the WNT10A gene are clustered in the chromosome 2q35 region. The protein encoded by this gene is 97% identical to the mouse Wnt6 protein at the amino acid level.

### **WNT6 Antibody (Center) Blocking Peptide - References**

Wang, C., et al. J Endod 36(2):238-243(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010)  
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120(4):501-518(2006) Fokina, V.M., et al. Dev. Dyn. 235(2):496-505(2006)