

WNT10B Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6595b**Specification**

WNT10B Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O00744](#)**WNT10B Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 7480**Other Names**

Protein Wnt-10b, Protein Wnt-12, WNT10B, WNT12

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6595b](/products/AP6595b) was selected from the Center region of human WNT10B. 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.

WNT10B Antibody (Center) Blocking Peptide - Protein Information**Name** WNT10B**Synonyms** WNT12**Function**

Member of the Wnt ligand gene family that encodes for secreted proteins, which activate the Wnt signaling cascade. Specifically activates canonical Wnt/beta-catenin signaling and thus triggers beta-catenin/LEF/TCF-mediated transcriptional programs. Involved in signaling networks controlling stemness, pluripotency and cell fate decisions. Acts in the immune system, mammary gland, adipose tissue, bone and skin.

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted

Tissue Location

Detected in most adult tissues. Highest levels were found in heart and skeletal muscle. Low levels are found in brain

WNT10B Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

WNT10B Antibody (Center) Blocking Peptide - Images

WNT10B 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. WNT10B is a member of the WNT family. It may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level.

WNT10B Antibody (Center) Blocking Peptide - References

Zmuda, J.M., J. Bone Miner. Res. 24 (3), 437-447 (2009) Pederson, L., Proc. Natl. Acad. Sci. U.S.A. 105 (52), 20764-20769 (2008)