

WNT1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6785b

Specification

WNT1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P04628](#)

WNT1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7471

Other Names

Proto-oncogene Wnt-1, Proto-oncogene Int-1 homolog, WNT1, INT1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6785b](#) was selected from the C-term region of human WNT1. 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.

WNT1 Antibody (C-term) Blocking Peptide - Protein Information

Name WNT1

Synonyms INT1

Function

Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Acts in the canonical Wnt signaling pathway by promoting beta-catenin-dependent transcriptional activation (PubMed:<http://www.uniprot.org/citations/23499309> target="_blank">23499309), PubMed:<http://www.uniprot.org/citations/23656646> target="_blank">23656646), PubMed:<http://www.uniprot.org/citations/26902720> target="_blank">26902720), PubMed:<http://www.uniprot.org/citations/28528193> target="_blank">28528193). In some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt signaling (By similarity). Plays an essential role in the development of the embryonic brain and central nervous system (CNS) (By similarity). Has a role in osteoblast function, bone development and bone homeostasis (PubMed:[http://www.ncbi.nlm.nih.gov/pubmed/23499309](#) target="_blank">23499309), PubMed:[http://www.ncbi.nlm.nih.gov/pubmed/23656646](#) target="_blank">23656646), PubMed:[http://www.ncbi.nlm.nih.gov/pubmed/26902720](#) target="_blank">26902720), PubMed:[http://www.ncbi.nlm.nih.gov/pubmed/28528193](#) target="_blank">28528193).

href="http://www.uniprot.org/citations/23499309" target="_blank">23499309

PubMed:23656646

).

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted

WNT1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

WNT1 Antibody (C-term) Blocking Peptide - Images**WNT1 Antibody (C-term) Blocking Peptide - Background**

WNT1 is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum.

WNT1 Antibody (C-term) Blocking Peptide - References

Shuai,X., et.al., Cancer Genet. Cytogenet. 194 (2), 119-124 (2009)