

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

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**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](/products/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: [23499309](http://www.uniprot.org/citations/23499309), PubMed: [26902720](http://www.uniprot.org/citations/26902720), PubMed: [28528193](http://www.uniprot.org/citations/28528193), PubMed: [23656646](http://www.uniprot.org/citations/23656646)). 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: [23656646](#)).

href="http://www.uniprot.org/citations/23499309" target="\_blank">23499309</a>, PubMed:<a href="http://www.uniprot.org/citations/23656646" target="\_blank">23656646</a>).

**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)