10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

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

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)

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, PubMed:26902720, PubMed:28528193, PubMed: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: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