

Wnt-1 Blocking Peptide
Catalog # PBV10238b**Specification**

Wnt-1 Blocking Peptide - Product Information

Primary Accession	P04628
Gene ID	7471
Calculated MW	40982

Wnt-1 Blocking Peptide - Additional Information**Gene ID** 7471**Application & Usage**

The peptide is used for blocking the antibody activity of Wnt-1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

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

Target/Specificity

Wnt-1

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 1% BSA, 50% glycerol, and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Wnt-1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Wnt-1 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, 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

Wnt-1 Blocking Peptide - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Wnt-1 Blocking Peptide - Images