

**Wnt-2 Blocking Peptide**  
**Catalog # PBV10239b****Specification**

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**Wnt-2 Blocking Peptide - Product Information**

Primary Accession	<a href="#">P09544</a>
Gene ID	<b>7472</b>
Calculated MW	<b>40418</b>

**Wnt-2 Blocking Peptide - Additional Information****Gene ID** 7472**Application & Usage**

The peptide is used for blocking the antibody activity of Wnt-2. 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**

Protein Wnt-2, Int-1-like protein 1, Int-1-related protein, IRP, WNT2, INT1L1, IRP

**Target/Specificity**

Wnt-2

**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-2 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**Wnt-2 Blocking Peptide - Protein Information****Name** WNT2**Synonyms** INT1L1, IRP**Function**

Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF

family (PubMed:<a href="http://www.uniprot.org/citations/20018874" target="\_blank">20018874</a>). Functions as a upstream regulator of FGF10 expression. Plays an important role in embryonic lung development. May contribute to embryonic brain development by regulating the proliferation of dopaminergic precursors and neurons (By similarity).

**Cellular Location**

Secreted, extracellular space, extracellular matrix. Secreted

**Tissue Location**

Expressed in brain in the thalamus, in fetal and adult lung and in placenta.

**Wnt-2 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-2 Blocking Peptide - Images**