

Wnt-2 Blocking Peptide

Catalog # PBV10239b

Specification

Wnt-2 Blocking Peptide - Product Information

Primary Accession P09544
Gene ID 7472
Calculated MW 40418

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

 $50~\mu g$ (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.

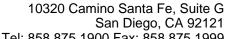
Wnt-2 Blocking Peptide - Protein Information

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





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family (PubMed:20018874). 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 Cytomety
- Cell Culture

Wnt-2 Blocking Peptide - Images