

Wnt-4 Blocking Peptide
Catalog # PBV10240b**Specification**

Wnt-4 Blocking Peptide - Product Information

Primary Accession	P56705
Other Accession	BAC23080
Gene ID	54361
Calculated MW	39052

Wnt-4 Blocking Peptide - Additional Information**Gene ID** 54361

Application & Usage

The peptide is used for blocking the antibody activity of active Wnt-4. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Protein Wnt-4, WNT4

Target/Specificity

Wnt-4

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Wnt-4 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Wnt-4 Blocking Peptide - Protein Information**Name** WNT4**Function**

Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Plays an important role in the embryonic development of the urogenital tract and the lung (PubMed:15317892, PubMed:16959810, PubMed:18179883, PubMed:18182450). Required for normal mesenchyme to epithelium transition during embryonic kidney development. Required for the formation of early epithelial renal vesicles during kidney development (By similarity). Required for normal formation of the Mullerian duct in females, and normal levels of oocytes in the ovaries (PubMed:15317892, PubMed:16959810, PubMed:18182450). Required for normal down-regulation of 3 beta-hydroxysteroid dehydrogenase in the ovary (PubMed:15317892, PubMed:16959810, PubMed:18182450). Required for normal lung development and for normal patterning of tracheal cartilage rings (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix

Wnt-4 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-4 Blocking Peptide - Images