

DKK4 Blocking Peptide
Catalog # PBV10419b**Specification**

DKK4 Blocking Peptide - Product Information

Primary Accession	Q8VEJ3
Other Accession	NP_663567
Gene ID	234130
Calculated MW	24261

DKK4 Blocking Peptide - Additional Information**Gene ID** 234130**Application & Usage**

The peptide is used for blocking the antibody activity of DKK4. 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

Dickkopf-related protein 4, Dickkopf-4, Dkk-4, Dkk4

Target/Specificity

DKK4

Formulation

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

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

DKK4 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

DKK4 Blocking Peptide - Protein Information**Name** Dkk4**Function**

Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated

processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease (By similarity).

Cellular Location

Secreted.

DKK4 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](#)

DKK4 Blocking Peptide - Images