

DKK1 Blocking Peptide
Catalog # PBV10394b**Specification**

DKK1 Blocking Peptide - Product Information

Primary Accession	O54908
Gene ID	13380
Calculated MW	29298

DKK1 Blocking Peptide - Additional Information**Gene ID** 13380**Application & Usage**

The peptide is used for blocking the antibody activity of Dkk1. 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 1, Dickkopf-1, Dkk-1, mDkk-1, Dkk1

Target/Specificity

DKK1

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**

DKK1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

DKK1 Blocking Peptide - Protein Information**Name** Dkk1**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 (PubMed:18524778). Inhibits the pro-apoptotic function of KREMEN1 in a Wnt-independent manner, and has

anti-apoptotic activity (PubMed:26206087). Plays a role in limb development; attenuates Wnt signaling in the developing limb to allow normal limb patterning (PubMed:18505822).

Cellular Location

Secreted.

DKK1 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](#)

DKK1 Blocking Peptide - Images