

DKK4 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11649b**Specification**

DKK4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q9UBT3](#)

DKK4 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 27121

Other Names

Dickkopf-related protein 4, Dickkopf-4, Dkk-4, hDkk-4, Dickkopf-related protein 4 short form, DKK4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DKK4 Antibody (C-term) 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.

Tissue Location

Expressed in cerebellum, T-cells, esophagus and lung

DKK4 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DKK4 Antibody (C-term) Blocking peptide - Images**DKK4 Antibody (C-term) Blocking peptide - Background**

This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. Activity of this protein is modulated by binding to the Wnt co-receptor and the co-factor kremen 2.

DKK4 Antibody (C-term) Blocking peptide - References

Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Hirata, H., et al. Cancer 115(19):4488-4503(2009) Matsui, A., et al. Cancer Sci. 100(10):1923-1930(2009) Baehs, S., et al. Cancer Lett. 276(2):152-159(2009)