

Product datasheet

Human DKK4 peptide ab22902

Overview

Product name Human DKK4 peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence RQHARLRVCQKIEKL

Amino acids 210 to 224

Specifications

Our [Abpromise guarantee](#) covers the use of **ab22902** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking - Blocking peptide for Anti-DKK4 antibody ([ab2342](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

General Info

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.

Tissue specificity Expressed in cerebellum, T-cells, esophagus and lung.

Sequence similarities Belongs to the dickkopf family.

Domain The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6.

Post-translational modifications	Appears to be not glycosylated. Can be proteolytically processed by a furin-like protease.
Cellular localization	Secreted.

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