10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DKK3 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10690

Specification

DKK3 Antibody - Product Information

Application	**WB**
Primary Accession	Q9QUN9
Reactivity	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**38388**

DKK3 Antibody - Additional Information

Gene ID 50781

Application & Usage	**Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects ~38 kDa of Dkk3 in samples from mouse and rat origins. Reactivity to other species has not been determined.**

Other Names
DKK-3, DKK 3, dkk3, dkk-3, dkk 3, dickkopf homolog-3, dickkopf homolog3, dickkopf homolog 3

Target/Specificity
DKK3

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) antigen affinity purified rabbit anti-Dkk3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol and 0.01% Thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions

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DKK3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DKK3 Antibody - Protein Information

Name Dkk3

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
Highest expression in brain, eye and heart.

DKK3 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DKK3 Antibody - Images

DKK3 Antibody - Background

Xenopus Dickkopf (Dkk) was initially discovered as a Wnt antagonist that plays an important role in head formation. By far, four members of Dkk have been identified in mammals. Each Dkk molecule contains two conserved cysteine-rich domains which are separated by a 50-55 amino acid linker region.