

**DKK3 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10690****Specification**

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**DKK3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O9QUN9</a>
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**

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 Cytometry](#)
- [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.