

# **Anti-DKK1 Reference Antibody (BHQ-880)**

Recombinant Antibody Catalog # APR10701

#### **Specification**

## Anti-DKK1 Reference Antibody (BHQ-880) - Product Information

Application
Primary Accession
Reactivity
Clonality
Isotype

Calculated MW

FC, Kinetics, Animal Model 094907
Human, Mouse
Monoclonal
IgG1
142.96 KDa

### Anti-DKK1 Reference Antibody (BHQ-880) - Additional Information

Target/Specificity DKK1

**Endotoxin** 

< 0.001EU/ µg,determined by LAL method.

**Conjugation** Unconjugated

**Expression system** 

CHO Cell

#### **Format**

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

#### Anti-DKK1 Reference Antibody (BHQ-880) - 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:<a href="http://www.uniprot.org/citations/22000856" target="\_blank">22000856</a>). 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 (PubMed:<a href="http://www.uniprot.org/citations/17143291" target="\_blank">17143291</a>(a>). Inhibits the pro-apoptotic function of KREMEN1 in a Wnt-independent manner, and has anti-apoptotic activity (By similarity).

**Cellular Location** Secreted.



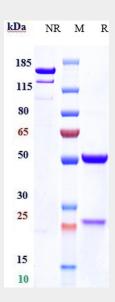
Tissue Location Placenta.

### Anti-DKK1 Reference Antibody (BHQ-880) - Protocols

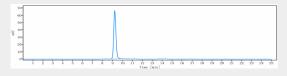
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Anti-DKK1 Reference Antibody (BHQ-880) - Images



Anti-DKK1 Reference Antibody (BHQ-880) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-DKK1 Reference Antibody (BHQ-880)is more than 100% ,determined by SEC-HPLC.