

**Anti-DKK1 Reference Antibody (BHQ-880)**  
**Recombinant Antibody**  
**Catalog # APR10701**

**Specification**

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

Application	FC, E, FTA
Primary Accession	<a href="#">O94907</a>
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	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>). Inhibits the pro-apoptotic function of KREMEN1 in a Wnt-independent manner, and has anti-apoptotic activity (By similarity).

**Cellular Location**  
Secreted.

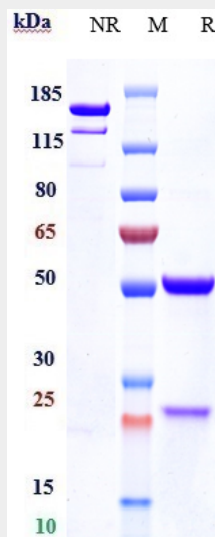
**Tissue Location**  
Placenta.

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

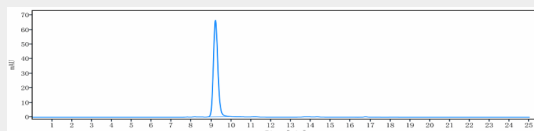
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.