

## **Dkk-1 Polyclonal Antibody**

**Catalog # AP73745** 

## **Specification**

### **Dkk-1 Polyclonal Antibody - Product Information**

Application WB, IHC-P Primary Accession 094907

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

# **Dkk-1 Polyclonal Antibody - Additional Information**

**Gene ID 22943** 

**Other Names** 

DKK1; Dickkopf-related protein 1; Dickkopf-1; Dkk-1; hDkk-1; SK

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other

applications. IHC-P~~N/A

**Format** 

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** 

-20°C

### **Dkk-1 Polyclonal Antibody - 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** 



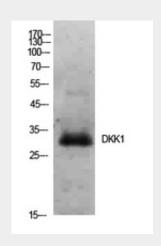
Placenta.

## **Dkk-1 Polyclonal Antibody - 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

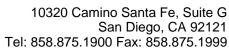
## **Dkk-1 Polyclonal Antibody - Images**





**Dkk-1 Polyclonal Antibody - Background** 

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