

## Anti-Dkk3 Rabbit Monoclonal Antibody

Catalog # ABO15541

#### Specification

## Anti-Dkk3 Rabbit Monoclonal Antibody - Product Information

Application WB, IF, ICC, IP **Primary Accession Q9UBP4** Rabbit Host Isotype laG Reactivity Rat, Human, Mouse Clonality Monoclonal Format Liquid Description Anti-Dkk3 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

### Anti-Dkk3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 27122

**Other Names** Dickkopf-related protein 3, Dickkopf-3, Dkk-3, hDkk-3, DKK3, REIC

Calculated MW 60 kDa KDa

Application Details WB 1:500-1:2000<br>ICC/IF 1:50-1:200<br>IP 1:50

**Contents** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from human Dkk3

Purification Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

#### Anti-Dkk3 Rabbit Monoclonal Antibody - Protein Information

Name DKK3



# Synonyms REIC

#### **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.

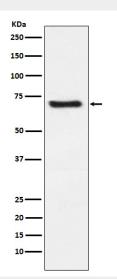
**Tissue Location** Highest expression in heart, brain, and spinal cord. {ECO:0000269|PubMed:10570958, ECO:0000269|Ref.4}

# Anti-Dkk3 Rabbit Monoclonal Antibody - Protocols

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

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

#### Anti-Dkk3 Rabbit Monoclonal Antibody - Images



Western blot analysis of Dkk3 expression in Human fetal kidney lysate.