

**DKK2 Antibody**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM8643b**

**Specification**

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**DKK2 Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9UBU2</a>
Reactivity	Human, Mouse
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,k
Calculated MW	28447

**DKK2 Antibody - Additional Information**

**Gene ID** 27123

**Other Names**

Dickkopf-related protein 2, Dickkopf-2, Dkk-2, hDkk-2, DKK2

**Target/Specificity**

This DKK2 antibody is generated from a mouse immunized with a recombinant protein of human DKK2.

**Dilution**

WB~~1:2000

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DKK2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**DKK2 Antibody - Protein Information**

**Name** DKK2

**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

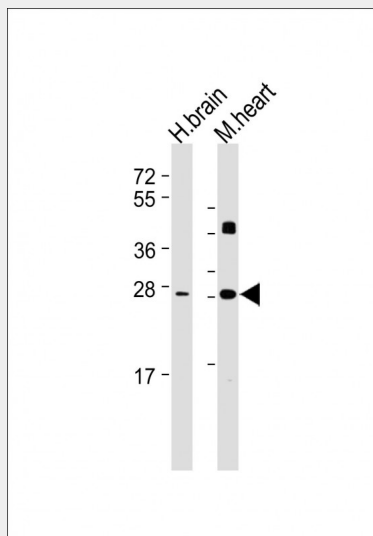
Expressed in heart, brain, skeletal muscle and lung

### DKK2 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](#)

### DKK2 Antibody - Images



All lanes : Anti-DKK2 Antibody at 1:2000 dilution Lane 1: Human brain lysate Lane 2: Mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### DKK2 Antibody - Background

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).

**DKK2 Antibody - References**

Krupnik V.E., et al. Gene 238:301-313(1999).

Tanaka S., et al. Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.

Clark H.F., et al. Genome Res. 13:2265-2270(2003).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.