

# Dkk2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13730

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9QYZ8</a>
<b>Other Accession</b>	<a href="#">NM_020265</a> , <a href="#">NP_064661</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Pig, Chicken, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	28432

## Additional Information

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<b>Gene ID</b>	56811
<b>Other Names</b>	Dickkopf-related protein 2, Dickkopf-2, Dkk-2, mDkk-2, Dkk2
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Dkk2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Dkk2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Dkk2 {ECO:0000312   MGI:MGI:1890663}
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted.

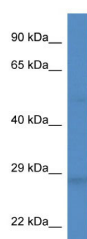
## References

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Carninci P.,et al.Science 309:1559-1563(2005).  
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Niehrs C.,et al.Oncogene 25:7469-7481(2006).

## Images

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WB Suggested Anti-Dkk2 Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Pancreas

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.