

# Dkk3 Antibody

Rabbit mAb

Catalog # AP92121

## Product Information

<b>Application</b>	WB, IF, ICC, IP
<b>Primary Accession</b>	<a href="#">Q9UBP4</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	RIG; REIC;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	38390

## Additional Information

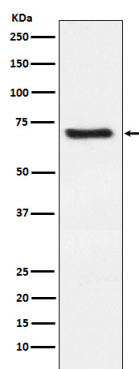
<b>Dilution</b>	WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Dkk3
<b>Description</b>	Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<b>Name</b>	DKK3
<b>Synonyms</b>	REIC
<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 (By similarity).
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Highest expression in heart, brain, and spinal cord. {ECO:0000269 PubMed:10570958, ECO:0000269 Ref.4}

## Images

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

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