

Anti-Dkk-3 antibody



Description	Rabbit polyclonal to Dkk-3.
Model	STJ92720
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Dkk-3
Immunogen Region	80-160 aa, Internal
Gene ID	27122
Gene Symbol	DKK3
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	Dkk-3 Polyclonal Antibody detects endogenous levels of Dkk-3 protein.
Tissue Specificity	Highest expression in heart, brain, and spinal cord.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Dickkopf-related protein 3 Dickkopf-3 Dkk-3 hDkk-3
Molecular Weight	45 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2893OMIM:605416
Alternative Names	Dickkopf-related protein 3 Dickkopf-3 Dkk-3 hDkk-3
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 .
Sequence and Domain Family	The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6.
Cellular Localization	Secreted.
Post-translational Modifications	N- and O-glycosylated.

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com