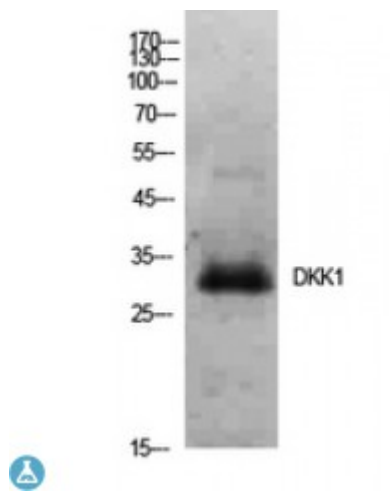


Anti-Dkk-1 antibody



Description	Rabbit polyclonal to Dkk-1.
Model	STJ97257
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Dkk-1.
Immunogen Region	C-terminal
Gene ID	22943
Gene Symbol	DKK1
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:10000
Specificity	Dkk-1 Polyclonal Antibody detects endogenous levels of Dkk-1 protein.
Tissue Specificity	Placenta.
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 1 Dickkopf-1 Dkk-1 hDkk-1 SK
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:2891OMIM:605189
Alternative Names	Dickkopf-related protein 1 Dickkopf-1 Dkk-1 hDkk-1 SK
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 . Inhibits the pro-apoptotic function of KREMEN1 in a Wnt-independent manner, and has anti-apoptotic activity .
Sequence and Domain Family	The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6.
Cellular Localization	Secreted.

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