

DKK3 Antibody

Catalog No: #34645

Package Size: #34645-1 50ul #34645-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

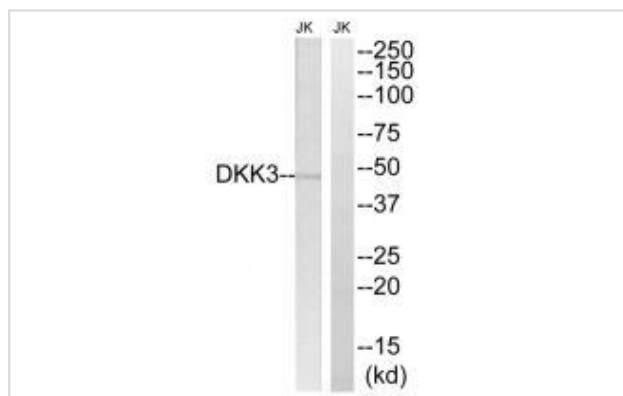
Description

Product Name	DKK3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DKK3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human DKK3.
Target Name	DKK3
Other Names	Dickkopf-related protein 3; Dkk-3; Dickkopf-3; hDkk-3;
Accession No.	Swiss-Prot: Q9UBP4NCBI Gene ID: 27122
Uniprot	Q9UBP4
GeneID	27122;
SDS-PAGE MW	45kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using DKK3 antibody #34645.

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.

Shimizu K., Gene 282:151-158(2002).

Gray A.M., Genome Res. 13:2265-2270(2003).

Niehhs C., Oncogene 25:7469-7481(2006).

Note: This product is for in vitro research use only