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DKK1 (N) Antibody, Rabbit Polyclonal

Cat#: R0840-1

Quantity: 100 ul

Predicted | Observed MW: 27 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O94907

Background:

Dickkopf-related protein 1 (DKK1) belongs to the dickkopf family. DKK1 is a secreted protein that induces anterior development by antagonizing canonical Wnt signaling upstream of its effect on beta-catenin regulation. DKK1 inhibits 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.

Other Names:

Dickkopf-related protein 1, Dickkopf-1, Dkk-1, hDkk-1, SK

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human DKK1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:1,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

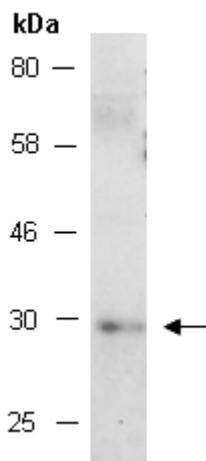


Fig 1. Western blot of total cell extracts from human HepG2, using Ab (R0840-1) at RT for 2 h.