

For Research Use Only

DKK1 Recombinant antibody

Catalog Number: 86207-1-RR



Basic Information

Catalog Number:

86207-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4649

GenBank Accession Number:

NM_010051.3

GeneID (NCBI):

13380

UNIPROT ID:

O54908

Full Name:

dickkopf homolog 1 (Xenopus laevis)

Calculated MW:

29kDa

Observed MW:

30-35 kDa

Purification Method:

Protein A purification

CloneNo.:

250658B2

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : Neuro-2a cells, mouse brain tissue, rat brain tissue

Background Information

DKK1, also named a SK and Dickkopf-1, belongs to the dickkopf family. 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. SDS-PAGE and Western blot analysis demonstrated that DKK1 is expressed as a 35-kDa doublet protein, which is larger than the deduced molecular mass of 26 kDa. Sometime DKK1 is expressed as a 42- to 50-kDa secreted protein, with little change observed after glycanase treatment.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

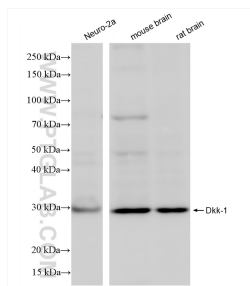
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86207-1-RR (DKK1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.