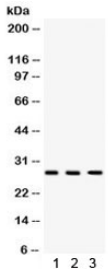
DKK2 Antibody (R32344)

Catalog No.	Formulation	Size
R32344	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9UBU2
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This DKK2 antibody is available for research use only.



Western blot testing of 1) rat heart, 2) rat brain and 3) human A549 lysate with DKK2 antibody. Expected molecular weight: 28-35 kDa.

Description

Dickkopf-related protein 2 is a protein that in humans is encoded by the DKK2 gene. This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin signaling, depending on the cellular context and the presence of the co-factor kremen 2. Activity of this protein is also modulated by binding to the Wnt co-receptor LDL-receptor related protein 6 (LRP6).

Application Notes

Optimal dilution of the DKK2 antibody should be determined by the researcher.

Immunogen

Amino acids 34-259 of human DKK2 were used as the immunogen for the DKK2 antibody.

Storage

After reconstitution, the DKK2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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