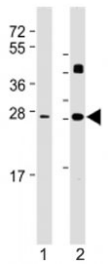
DKK2 Antibody [clone 1833CT856.7.20] (F54135)

Catalog No.	Formulation	Size
F54135-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54135-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1833CT856.7.20
Purity	Protein G purified
UniProt	Q9UBU2
Applications	WB: 1:2000
Limitations	This DKK2 antibody is available for research use only.



Western blot testing of DKK2 antibody at 1:2000: Lane 1) human brain and 2) mouse heart lysate. Expected molecular weight: 28-35 kDa.

Description

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). [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the DKK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human DKK2 was used as the immunogen for the DKK2 antibody.

Storage

Aliquot the DKK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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