

Anti-delta 2 Catenin Rabbit Monoclonal Antibody

Catalog # ABO16718

Product Information

Application	WB
Primary Accession	Q9UQB3
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-delta 2 Catenin Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Mouse, Rat.

Additional Information

Gene ID	1501
Other Names	Catenin delta-2, Delta-catenin, GT24, Neural plakophilin-related ARM-repeat protein, NPRAP, Neurojungin, CTNND2, NPRAP
Calculated MW	132656
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 31C89
Immunogen	A synthesized peptide derived from human delta 2 Catenin
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	CTNND2
Synonyms	NPRAP
Function	Has a critical role in neuronal development, particularly in the formation and/or maintenance of dendritic spines and synapses (PubMed: 25807484).

Involved in the regulation of Wnt signaling (PubMed:[25807484](#)). It probably acts on beta-catenin turnover, facilitating beta-catenin interaction with GSK3B, phosphorylation, ubiquitination and degradation (By similarity). Functions as a transcriptional activator when bound to ZBTB33 (By similarity). May be involved in neuronal cell adhesion and tissue morphogenesis and integrity by regulating adhesion molecules.

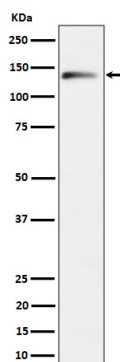
Cellular Location

Nucleus {ECO:0000250|UniProtKB:O35927}. Cell junction, adherens junction {ECO:0000250|UniProtKB:O35927}. Cell projection, dendrite {ECO:0000250|UniProtKB:O35116}. Perikaryon

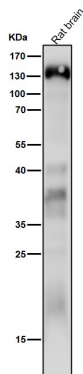
Tissue Location

Expressed in brain; highest expression is observed in fetal brain (PubMed:25807484).

Images



Western blot analysis of delta 2 Catenin expression in Mouse brain cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.