

Anti-delta 2 Catenin Rabbit Monoclonal Antibody
Catalog # ABO16718**Specification**

Anti-delta 2 Catenin Rabbit Monoclonal Antibody - 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.

Anti-delta 2 Catenin Rabbit Monoclonal Antibody - Additional Information

Gene ID 1501

Other Names

Catenin delta-2, Delta-catenin, GT24, Neural plakophilin-related ARM-repeat protein, NPRAP, Neurojungin, CTNND2, NPRAP

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200

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.

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.

Anti-delta 2 Catenin Rabbit Monoclonal Antibody - 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

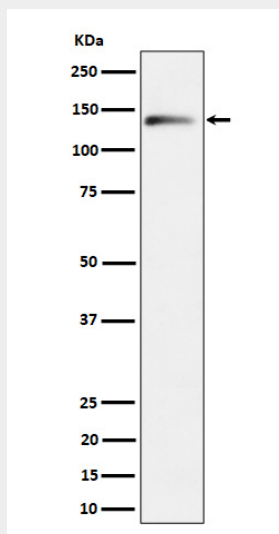
Tissue Location

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

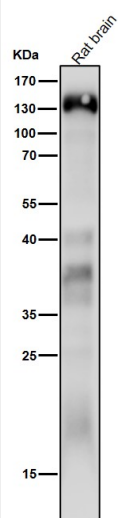
Anti-delta 2 Catenin Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-delta 2 Catenin Rabbit Monoclonal Antibody - 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.