

Anti-CTND2 antibody



Description	Unconjugated Rabbit polyclonal to CTND2
Model	STJ190667
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	1501
Gene Symbol	CTNND2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CTND2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in brain; highest expression is observed in fetal brain .
Purification	CTND2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Catenin delta-2 Delta-catenin GT24 Neural plakophilin-related ARM-repeat protein NPRAP Neurojungin
Molecular Weight	134 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2516OMIM:604275
Alternative Names	Catenin delta-2 Delta-catenin GT24 Neural plakophilin-related ARM-repeat protein NPRAP Neurojungin
Function	Has a critical role in neuronal development, particularly in the formation and/or maintenance of dendritic spines and synapses . Involved in the regulation of Wnt signaling . It probably acts on beta-catenin turnover, facilitating beta-catenin interaction with GSK3B, phosphorylation, ubiquitination and degradation . Functions as a transcriptional activator when bound to ZBTB33 . May be involved in neuronal cell adhesion and tissue morphogenesis and integrity by regulating adhesion molecules.
Cellular Localization	Nucleus Cell junction, adherens junction Cell projection, dendrite Perikaryon
Post-translational Modifications	O-glycosylated. Phosphorylated by CDK5 . Phosphorylated by GSK3B .

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