

## Anti-CTND2 antibody



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

<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#"><u>HGNC:2516</u></a> <a href="#"><u>OMIM:604275</u></a>
<b>Alternative Names</b>	Catenin delta-2 Delta-catenin GT24 Neural plakophilin-related ARM-repeat protein NPRAP Neurojungin
<b>Function</b>	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.
<b>Cellular Localization</b>	Nucleus Cell junction, adherens junction Cell projection, dendrite Perikaryon
<b>Post-translational Modifications</b>	O-glycosylated. Phosphorylated by CDK5 . Phosphorylated by GSK3B .

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