

DATASHEET

Delta-catenin Rabbit Polyclonal Antibody

CAT. NO. APA15393

KEY FEATURES

Target	Delta-catenin	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

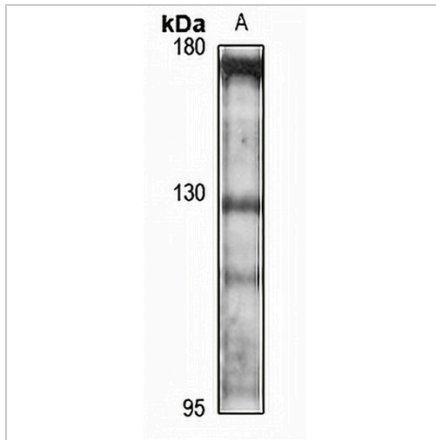
Description	Rabbit polyclonal antibody to Delta-catenin
Specificity	Recognizes endogenous levels of Delta-catenin protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Delta-catenin. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 126; Observed: 129 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NPRAP; Catenin delta-2; Delta-catenin; GT24; Neural plakophilin-related ARM-repeat protein; NPRAP; Neurojungin
Gene Symbol	CTNND2
Entrez Gene	1501(Human); 18163(Mouse)
SwissProt	Q9UQB3(Human); O35927(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**Delta-catenin Rabbit Polyclonal Antibody**

CAT. NO. APA15393

DATA

Western blot analysis of Delta-catenin expression in PC12 (A) whole cell lysates.
(Predicted band size: 126; 132 kD; Observed band size: 129 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.