

DATASHEET

CTNNBL1 Rabbit Polyclonal Antibody

CAT. NO. APA12929

KEY FEATURES

Target	CTNNBL1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	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

Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. Participates in AID/AICDA-mediated somatic hypermutation (SHM) and class-switch recombination (CSR), 2 processes resulting in the production of high-affinity, mutated isotype-switched antibodies and class-switch recombination (CSR), 2 processes resulting in the production of high-affinity, mutated isotype-switched antibodies .

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
IF/ICC	1:50 - 1:200

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

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CTNNBL1
Specificity	Recognizes endogenous levels of CTNNBL1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CTNNBL1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 36; Observed: 70 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	C20orf33; Beta-catenin-like protein 1; Nuclear-associated protein; NAP; Testis development protein NYD-SP19
Gene Symbol	CTNNBL1
Entrez Gene	56259(Human); 66642(Mouse); 296320(Rat)
SwissProt	Q8WYA6(Human); Q9CWL8(Mouse); Q4V8K2(Rat)

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

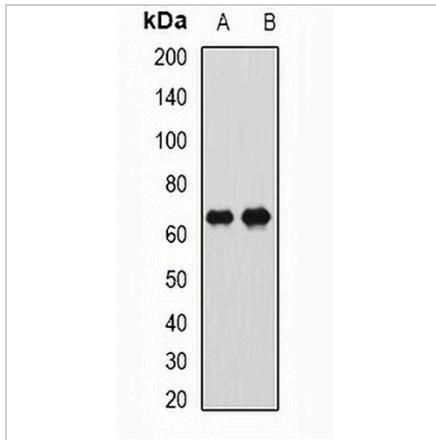
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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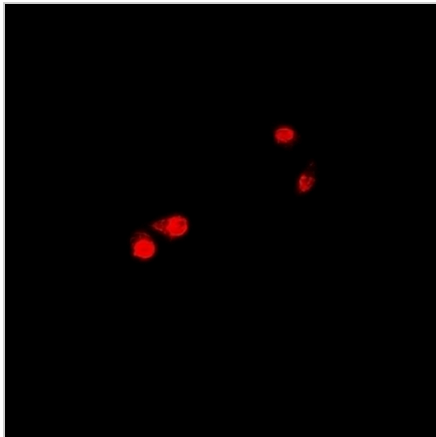
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DATA



Western blot analysis of CTNNB1 expression in HeLa (A), SW620 (B) whole cell lysates. (Predicted band size: 36; 43; 61; 65 kD; Observed band size: 70 kD)



Immunofluorescent analysis of CTNNB1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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.