

DATASHEET

CUG-BP2 Rabbit Polyclonal Antibody

CAT. NO. APA15264

KEY FEATURES

Target	CUG-BP2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	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

RNA-binding protein implicated in the regulation of several post-transcriptional events. Involved in pre-mRNA alternative splicing, mRNA translation and stability. Mediates exon inclusion and/or exclusion in pre-mRNA that are subject to tissue-specific and developmentally regulated alternative splicing. Specifically activates exon 5 inclusion of TNNT2 in embryonic, but not adult, skeletal muscle. Activates TNNT2 exon 5 inclusion by antagonizing the repressive effect of PTB. Acts both as an activator and as a repressor of a pair of coregulated exons: promotes inclusion of the smooth muscle (SM) exon but exclusion of the non-muscle (NM) exon in actinin pre-mRNAs. Promotes inclusion of exon 21 and exclusion of exon 5 of the NMDA receptor R1 pre-mRNA.

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

PRODUCT OVERVIEW

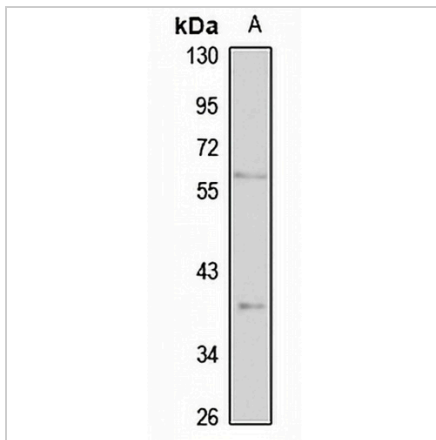
Description	Rabbit polyclonal antibody to CUG-BP2
Specificity	Recognizes endogenous levels of CUG-BP2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CUG-BP2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 52; Observed: 60 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	BRUNOL3; CUGBP2; ETR3; NAPOR; CUGBP Elav-like family member 2; CELF-2; Bruno-like protein 3; CUG triplet repeat RNA-binding protein 2; CUG-BP2; CUG-BP- and ETR-3-like factor 2; ELAV-type RNA-binding protein 3; ETR-3; Neuroblastoma apoptosis-related RNA-binding protein; hNAPOR; RNA-binding protein BRUNOL-3
Gene Symbol	CELF2
Entrez Gene	10659(Human); 14007(Mouse); 29428(Rat)
SwissProt	O95319(Human); Q9Z0H4(Mouse); Q792H5(Rat)

*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.

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DATA

Western blot analysis of CUG-BP2 expression in HeLa (A) whole cell lysates. (Predicted band size: 52; 54; 55 kD; Observed band size: 60 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.