

Rabbit CUGBP2 Polyclonal Antibody | anti-CUGBP2 antibody

CUGBP2 Antibody

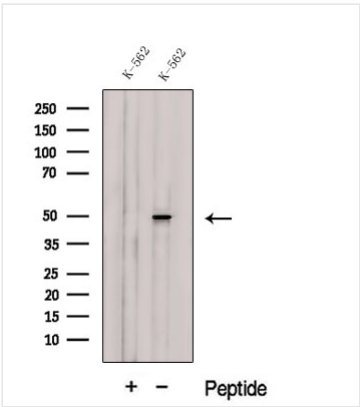
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328650	Rabbit	Human, Mouse, Rat Predicted: Pig, Zebrafish, Horse, Rabbit, Dog, Chicken, Xenopus	Western Blot

PRODUCT SYNONYMS

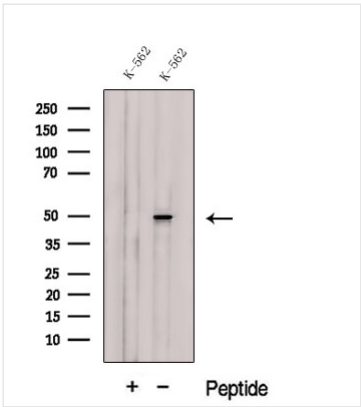
CUGBP2; Polyclonal Antibody; CUGBP2 Antibody; Bruno-like protein 3; BRUNOL3; Cardiac elav type RNA binding protein; CELF-2; celf2; CELF2_HUMAN; CUG BP2; CUG triplet repeat RNA-binding protein 2; CUG-BP- and ETR-3-like factor 2; CUG-BP2; CUGBP Elav like family member 2; CUGBP Elav-like family member 2; dJ323N1.1; elav type RNA binding protein; ELAV-type RNA-binding protein 3; ETR 3; ETR-3; ETR3; HGNC:2550; hNAPOR; NAPOR 2; NAPOR; Neuroblastoma apoptosis-related RNA-binding protein; Neuroblastoma apoptosis related RNA binding protein 3; RNA binding protein BRUNOL3; RNA-binding protein BRUNOL-3; anti-CUGBP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Horse, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	CUGBP2 Antibody detects endogenous levels of CUGBP2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	521
Applicable Applications for anti-CUGBP2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CUGBP2.
Tissue Specificity	Expressed in frontal cortex. Isoform 1 is expressed in brain and lung. Isoform 2 is expressed in heart, brain, placenta, lung, liver, kidney, skeletal muscle and pancreas. Isoform 4 is expressed in heart, lung, skeletal muscle, kidney and pancreas.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from K-562 cells, using CUGBP2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Mouse lung, using CUGBP2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CUGBP2 antibody	Description: 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 as both an activator and 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 exonS 21 and exclusion of exon 5 of the NMDA receptor R1 pre-mRNA. Involved in the apoB RNA editing activity. Increases COX2 mRNA stability and inhibits COX2 mRNA translation in epithelial cells after radiation injury (By similarity). Modulates the cellular apoptosis program by regulating COX2-mediated prostaglandin E2 (PGE2) expression (By similarity). Binds to (CUG)n triplet repeats in the 3'-UTR of transcripts such as DMPK. Binds to the muscle-specific splicing enhancer (MSE) intronic sites flanking the TNNT2 alternative exon 5. Binds preferentially to UG-rich sequences, in particular UG repeat and UGUU motifs. Binds to apoB mRNA, specifically to AU-rich sequences located immediatly upstream of the edited cytidine. Binds AU-rich sequences in the 3'-UTR of COX2 mRNA (By similarity). Binds to an intronic RNA element responsible for the silencing of exon 21 splicing (By similarity). Binds to (CUG)n repeats (By similarity). May be a specific regulator of miRNA biogenesis. Binds to primary microRNA pri-MIR140 and, with CELF1, negatively regulates the processing to mature miRNA (PubMed:28431233). Subunit Structure: Interacts with A1CF. Similarity: Belongs to the CELF/BRUNOL family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134152680
NCBI GeneID	10659
NCBI Accession #	NP_006552.3
NCBI GenBank Nucleotide #	NP_006552.3
UniProt Accession #	O95319
Molecular Weight	Observed: 50 kDa Predicted: 55 kDa
NCBI Official Full Name	CUGBP Elav-like family member 2 isoform 2
NCBI Official Synonym Full Names	CUGBP Elav-like family member 2
NCBI Official Symbol	CELF2

NCBI Official Synonym Symbols	ETR3; ETR-3; NAPOR; CELF-2; CUGBP2; BRUNOL3; CUG-BP2
NCBI Protein Information	CUGBP Elav-like family member 2
UniProt Protein Name	CUGBP Elav-like family member 2
UniProt Gene Name	CELF2
UniProt Synonym Gene Names	BRUNOL3; CUGBP2; ETR3; NAPOR; CELF-2; CUG-BP2; ETR-3; hNAPOR
UniProt Entry Name	CELF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cugbp2-antibody-western-blot-elisa/328650>