



CUGBP2 mouse mAb

Catalog No	YP-mAb-18154
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CELF2 BRUNOL3 CUGBP2 ETR3 NAPOR
Immunogen	Synthesized peptide derived from human CUGBP2
Specificity	This antibody detects endogenous levels of CUGBP2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CELF-2;CELF2;CELF 2;Bruno-like protein 3;BRUNOL3;CELF2 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) (Neurob
Observed Band	50 kDa
Calculated Molecular Weight	56 kDa
Cell Pathway	Nucleus. Cytoplasm. Accumulates in the cytoplasm after ionizing radiation (By similarity). Colocalizes with APOBEC1 and A1CF. RNA-binding activity is detected in both nuclear and cytoplasmic compartments. .
Tissue Specificity	Expressed in frontal cortex. Isoform 1 is expressed in brain and lung. Isoform 2 is
Function	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 i

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images