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BRUNOL4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11821

Product Information

Application	WB
Primary Accession	Q9BZC1
Other Accession	NM_020180, NP_064565
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51966

Additional Information

Gene ID	56853
Alias Symbol	BRUNOL-4, CELF4, BRUNOL4
Other Names	CUGBP Elav-like family member 4, CELF-4, Bruno-like protein 4, CUG-BP- and ETR-3-like factor 4, RNA-binding protein BRUNOL-4, CELF4, BRUNOL4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-BRUNOL4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	BRUNOL4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

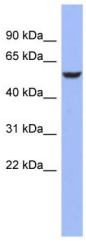
Name	CELF4
Synonyms	BRUNOL4
Function	RNA-binding protein implicated in the regulation of pre-mRNA alternative splicing. Mediates exon inclusion and/or exclusion in pre- mRNA that are subject to tissue-specific and developmentally regulated alternative splicing. Specifically activates exon 5 inclusion of cardiac isoforms of TNNT2 during heart remodeling at the juvenile to adult transition. Promotes exclusion of both the smooth muscle (SM) and non-muscle (NM) exons in actinin pre-mRNAs. Activates the splicing of MAPT/Tau exon 10. Binds to muscle-specific splicing enhancer (MSE) intronic sites flanking the alternative

	exon 5 of TNNT2 pre-mRNA.
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Ubiquitous. Strongly expressed in the cerebellum, hippocampus, amygdala, temporal and frontal cortex and frontal lobes

References

Szafranski,K., Genome Biol. 8 (8), R154 (2007)Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-BRUNOL4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: OVCAR-3 cell lysate