10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# BRUNOL4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11821

## Product Information

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| **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

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| **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

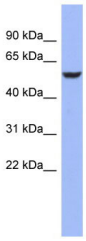
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| **Name** | CELF4 |
| **Synonyms** | BRUNOL4 |
| **Function** | RNA-binding protein implicated in the regulation of pre-mRNA alternative splicing. Mediates exon inclusion and/or exclusion in pre- mRNA that are subject to tissue-specific and developmentally 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 |

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| | 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.