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Datasheet for ABIN7148742
anti-CELF4 antibody (AA 120-236) (HRP)

Overview

Quantity:	100 µg
Target:	CELF4
Binding Specificity:	AA 120-236
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CELF4 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human CUGBP Elav-like family member 4 protein (120-236AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CELF4
Alternative Name:	CELF4 (CELF4 Products)
Background:	Background: 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

Target Details

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.

Aliases: CELF4 antibody, BRUNOL4 antibody, CUGBP Elav-like family member 4 antibody, CELF-4 antibody, Bruno-like protein 4 antibody, CUG-BP- and ETR-3-like factor 4 antibody, RNA-binding protein BRUNOL-4 antibody

UniProt: [Q9BZC1](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Synaptic Membrane](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.