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# Datasheet for ABIN7148739 anti-CELF4 antibody (AA 120-236)

Image



#### Overview

Quantity:	100 µg
Target:	CELF4
Binding Specificity:	AA 120-236
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CELF4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### Product Details

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

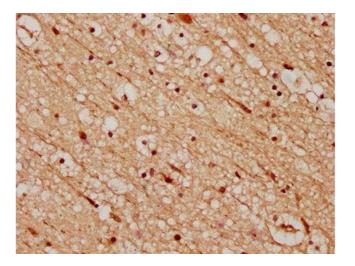
## Target Details

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

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### 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:	Recommended dilution: IHC:1:200-1:500,
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.



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7148739 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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