Datasheet for ABIN6138399

anti-CELF1 antibody (AA 108-483)

5 Images

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Overview

Quantity:	100 µL
Target:	CELF1
Binding Specificity:	AA 108-483
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CELF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 108-483 of human CELF1 (NP_941989.1).
Sequence:	RKLFIGMISK KCTENDIRVM FSSFGQIEEC RILRGPDGLS RGCAFVTFTT RAMAQTAIKA MHQAQTMEGC SSPMVVKFAD TQKDKEQKRM AQQLQQQMQQ ISAASVWGNL AGLNTLGPQY LALLQQTASS GNLNTLSSLH PMGGLNAMQL QNLAALAAAA SAAQNTPSGT NALTTSSSPL SVLTSSAGSS PSSSSSNSVN PIASLGALQT LAGATAGLNV GSLAGMAALN GGLGSSGLSN GTGSTMEALT QAYSGIQQYA AAALPTLYNQ NLLTQQSIGA AGSQKEGPEG ANLFIYHLPQ EFGDQDLLQM FMPFGNVVSA KVFIDKQTNL SKCFGFVSYD NPVSAQAAIQ SMNGFQIGMK RLKVQLKRSK NDSKPY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

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Product Details

Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CELF1
Alternative Name:	CELF1 (CELF1 Products)
Background:	Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. This gene may play a role in myotonic dystrophy type 1 (DM1) via interactions with the dystrophia myotonica-protein kinase (DMPK) gene. Alternative splicing results in multiple transcript variants encoding different isoforms.,CELF1,BRUNOL2,CUG-BP,CUGBP,CUGBP1,EDEN-BP,NAB50,NAPOR,hNab50,Epigenetics & Nuclear Signaling,RNA Binding,Neuroscience,Neurodegenerative Diseases,CELF1
Molecular Weight:	50 kDa/51 kDa/52 kDa/55 kDa
Gene ID:	10658
UniProt:	Q92879
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB,1:200 - 1:2000,IHC,1:50 - 1:200,IP,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

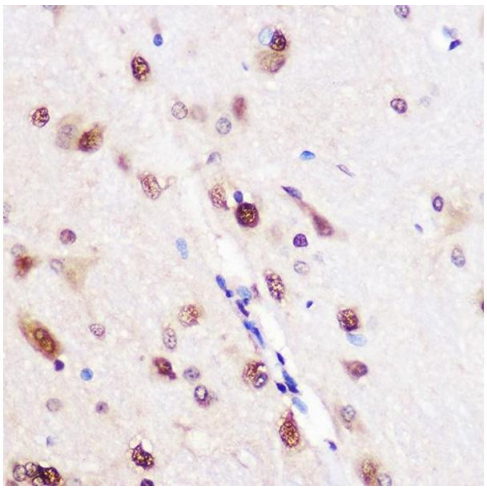
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

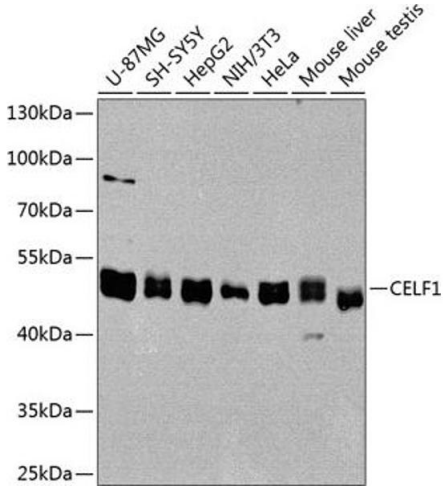
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



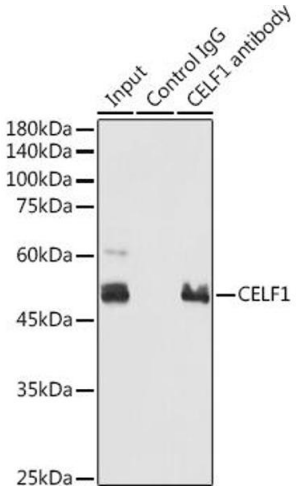
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Rat brain using CELF1 Rabbit pAb (ABIN6131012, ABIN6138399, ABIN6138400 and ABIN6221641) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CELF1 antibody (ABIN6131012, ABIN6138399, ABIN6138400 and ABIN6221641) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



Immunoprecipitation

Image 3. Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg CELF1 antibody (ABIN6131012, ABIN6138399, ABIN6138400 and ABIN6221641). Western blot was performed from the immunoprecipitate using CELF1 antibody (ABIN6131012, ABIN6138399, ABIN6138400 and ABIN6221641) at a dilition of 1:1000.

Images

Please check the product details page for more images. Overall 5 images are available for ABIN6138399.

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