

Rabbit CELF2 Polyclonal Antibody | anti-CELF2 antibody

CELF2 Antibody

CATALOG # AAA311947	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Western Blot
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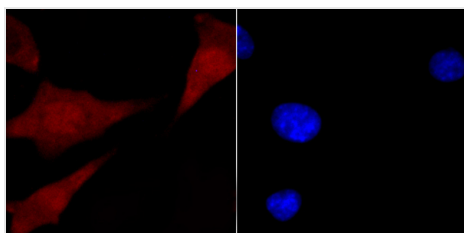
PRODUCT SYNONYMS

CELF2; Polyclonal Antibody; CELF2 Antibody; Bruno-like protein 3 antibody; BRUNOL3 antibody; Cardiac elav type RNA binding protein antibody; CELF-2 antibody; celf2 antibody; CELF2_HUMAN antibody; CUG BP2 antibody; CUG triplet repeat RNA-binding protein 2 antibody; CUG-BP- and ETR-3-like factor 2 antibody; CUG-BP2 antibody; CUGBP Elav like family member 2 antibody; CUGBP Elav-like family member 2 antibody; CUGBP2 antibody; dJ323N1.1 antibody; elav type RNA binding protein antibody; ELAV-type RNA-binding protein 3 antibody; ETR 3 antibody; ETR-3 antibody; ETR3 antibody; HGNC:2550 antibody; hNAPOR antibody; NAPOR 2 antibody; NAPOR antibody; Neuroblastoma apoptosis-related RNA-binding protein antibody; Neuroblastoma apoptosis related RNA binding protein 3 antibody; RNA binding protein BRUNOL3 antibody; RNA-binding protein BRUNOL-3 antibody; anti-CELF2 antibody

PRODUCT SPECIFICATIONS

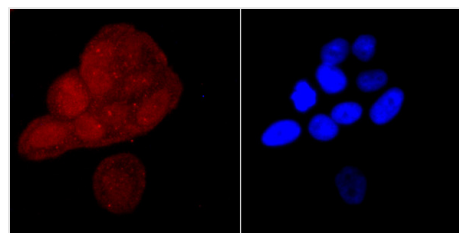
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CELF2 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



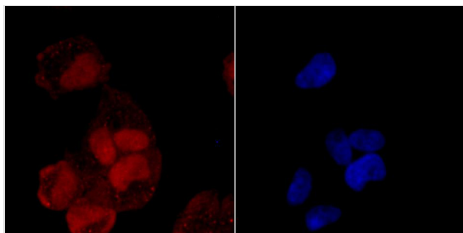
ICC (Immunocytochemistry)

ICC staining CELF2 in SHG-44 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



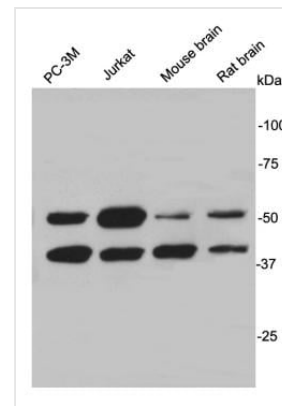
ICC (Immunocytochemistry)

ICC staining CELF2 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining CELF2 in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of CELF2 on Jurkat cell lysate using anti-CELF2 antibody at 1/2, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CELF2 antibody

Myotonic dystrophy (DM) is an autosomal dominant neuromuscular disease that is associated with a (CTG)_n repeat expansion in the 3'-untranslated region of the myotonin protein kinase gene (DMPK). CUG-BP1 and CUG-BP2 are proteins that bind specifically to (CUG)₈ oligonucleotides in vitro. While CUG-BP1 has the major binding activity in normal cells, nuclear CUG-BP2 binding activity increases in DM cells. Both CUG-BP1 and CUG-BP2 are isoforms of a novel heterogeneous nuclear ribonucleoprotein (hnRNP), hnab50. CUG-BP1, an RNA CUG triplet repeat binding protein, regulates splicing and translation of various RNAs. Expansion of RNA CUG repeats in the DMPK in DM is associated with alterations in binding activity of CUG-BP1 as well as alterations in the translation of the C/EBPβ transcription factor. CUG-BP1 is an important regulator of initiation from different AUG codons of C/EBPβ mRNA. In normal cells, CUG-BP1 up-regulates the p21 protein during differentiation by inducing the translation of p21 via binding to a GC-rich sequence located within the 5' region of p21 mRNA. In DM cells, failure to accumulate CUG-BP1 leads to a reduction of p21 and alterations in other proteins responsible for cell cycle withdrawal.

Product Categories/Family for anti-CELF2 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	134152680
NCBI GeneID	10659
NCBI Accession #	NP_006552.3
NCBI GenBank Nucleotide #	NM_006561.3
UniProt Accession #	O95319; Q7KYU4; Q8N499; Q92950; Q96NW9; Q96RQ5; Q96RQ6; Q9UL67; B7ZAN9
Molecular Weight	52,054 Da
NCBI Official Full Name	CUGBP Elav-like family member 2 isoform 2
NCBI Official Synonym Full Names	CUGBP, Elav-like family member 2
NCBI Official Symbol	CELF2
NCBI Official Synonym Symbols	ETR3; ETR-3; NAPOR; CUGBP2; BRUNOL3
NCBI Protein Information	CUGBP Elav-like family member 2; CELF-2; CUG-BP2; bruno-like protein 3; RNA-binding protein BRUNOL-3; CUG-BP- and ETR-3-like factor 2; ELAV-type RNA-binding protein 3; CUG triplet repeat RNA-binding protein 2; neuroblastoma apoptosis-related RNA-binding p
UniProt Protein Name	CUGBP Elav-like family member 2
UniProt Gene Name	CELF2
UniProt Synonym Gene Names	BRUNOL3; CUGBP2; ETR3; NAPOR; CELF-2; CUG-BP2; ETR-3; hNAPOR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/celf2-antibody-immunocytochemistry-western-blot-elisa/311947>