CUGBP2 (CELF2) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CUGBP2 (CELF2), Polyclonal Antibody
Full Product Name	Anti-CUGBP2 (CUGBP Elav-like Family Member 2, CELF-2, Bruno-like Protein 3, CUG Triplet Repeat RNA-binding Protein 2, CUG-BP2, CUG-BP- and ETR-3-like Factor 2, ELAV-type RNA-binding Protein 3, ETR-3, Neuroblastoma Apoptosis-related RNA-binding Protein, hN
Product Gene Name	anti-CELF2 antibody
Product Synonym Names	CUGBP Elav-like Family Member 2; CELF-2; Bruno-like Protein 3; CUG Triplet Repeat RNA-binding Protein 2; CUG-BP2; CUG-BP- and ETR-3-like Factor 2; ELAV-type RNA-binding Protein 3; ETR-3; Neuroblastoma Apoptosis-related RNA-binding Protein; hNAPOR; RNA-binding Protein BRUNOL-3; CELF2; BRUNOL3; ETR3; NAPOR
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, 0.1% BSA.
Purity/Purification	Affinity Purified
Concentration	~1mg/ml (lot specific)
Specificity	Recognizes human CUGBP2.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer. **Shipping Temperature:** Blue Ice
Molecular Weight	54,285 Da
Chromosome Location	Chromosome: 10; NC_000010.10 (11047259..11378674). Location: 10p13
OMIM	602538
3D Structure	ModBase 3D Structure for O95319
Immunogen	Synthetic peptide corresponding to 18aa of human CUGBP2 (KLH).
Source Information	Human
Product Categories/Family for anti-CELF2 antibody	Abs to Proteins
Applications Tested/Suitable for anti-CELF2 antibody	ELISA; Western Blot; Immunohistochemistry
Application Notes for anti-CELF2 antibody	Suitable for use in ELISA, Western Blot and Immunohstochemistry. **Recommended Dilutions:** Western Blot: 1-10ug/ml (ECL) ELISA: 0.5-1ug/ml Immunohistochemistry: 2-20ug/ml

Related Product Information for anti-CELF2 antibody	RNA editing is an important mechanism for regulating genetic plasticity through the generation of alternative protein products from a single structural gene. There are two types of substitutional RNA exist in mammals, namely A-to-I and C-to-U RNA editing. The best-characterized example of C-to-U RNA editing involves the nuclear transcript encoding intestinal apolipoprotein B (apo B)). Apo B RNA editing changes a CAA to a UAA stop codon, generating a truncated protein, apoB48. The functional complex includes a minimal core composed of apobec-1 and ACF, that function as an adaptor protein by binding both the deaminase and the RNA substrate. The RNA binding proteins also include CUGBP2 which along with Apobec-1 binds to the consensus binding sequence UUUN (A/U) U, present in c-myc, VEGF and Cyclooxygenase-2 (COX2).
Other Notes	Small volumes of anti-CELF2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CELF2 purchase	MBS630846 is an antibody targeting CELF2. Also known as Anti-CUGBP2 (CUGBP Elav-like Family Member 2, CELF-2, Bruno-like Protein 3, CUG Triplet Repeat RNA-binding Protein 2, CUG-BP2, CUG-BP- and ETR-3-like Factor 2, ELAV-type RNA-binding Protein 3, ETR-3, Neuroblastoma Apoptosis-related RNA-binding Protein, hN. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CELF2. It may not necessarily be applicable to this product.

NCBI GI #	56204266
NCBI GeneID	10659
UniProt Primary Accession #	O95319
UniProt Secondary Accession #	Q7KYU4; Q8N499; Q92950; Q96NW9; Q96RQ5; Q96RQ6; Q9UL67; B7ZAN9
UniProt Related Accession #	O95319; Q5VZZ6
NCBI Official Full Name	CUG triplet repeat, RNA binding protein 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
UniProt Protein Name	CUGBP Elav-like family member 2
UniProt Synonym Protein Names	Bruno-like protein 3; CUG triplet repeat RNA-binding protein 2; CUG-BP2; CUG-BP- and ETR-3-like factor 2; ELAV-type RNA-binding protein 3; ETR-3; Neuroblastoma apoptosis-related RNA-binding protein; hNAPOR; RNA-binding protein BRUNOL-3
Protein Family	CUGBP Elav-like family
UniProt Gene Name	CELF2
UniProt Synonym Gene Names	BRUNOL3; CUGBP2; ETR3; NAPOR
UniProt Entry Name	CELF2_HUMAN
NCBI Protein Information	CUGBP Elav-like family member 2; CELF-2; hNAPOR; CUG-BP2; OTTHUMP00000019076; OTTHUMP00000019077; OTTHUMP00000019078; 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; CUG triplet repeat, RNA binding protein 2; neuroblastoma apoptosis-related RNA-binding protein
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