

CUG-BP1 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02313

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CELF-1. AA range:71-120

Mol wt 52063

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name CUG-BP1 Antibody

Synonyms CELF1; BRUNOL2; CUGBP; CUGBP1; NAB50; CUGBP Elav-like family member 1; CELF-1; 50 kDa

nuclear polyadenylated RNA-binding protein; Bruno-like protein 2; CUG triplet repeat RNA-binding

protein 1; CUG-BP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

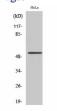
Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate premRNA alternative splicing and may also be involved 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.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 40000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using CUG-BP1 Polyclonal Antibody diluted at 1:500

HetaHepG2Heta -- 117
-- 85

CELF-1--- -- -- 48
-- 34
-- 26
-- 19

Western blot analysis of lysates from HeLa and HepG2 cells, using CELF-1 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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