



Cugbp2, CUG triplet repeat RNA-binding protein 2 polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-10130
Animal ID	RC40104
Host	Rabbit
Reactivity	Rat
Format	Purified
Accession number	NM_010160
Amount	100 µg

Alternative Name(s):

ETR3, rNapor, LAV-type RNA binding protein NAPOR

The CUG triplet repeat RNA-binding protein 2 (Cugbp2), also called neuroblastoma apoptosis-related RNA binding protein (NAPOR) is expressed in the embryonic brain and its expression coincides with the occurrence of programmed cell death. Most postmitotic differentiating cells throughout the forebrain during express Cugbp2 embryogenesis and the first weeks of postnatal life. Expression is particularly high in the developing cerebral cortex, in nuclei of the ventral telencephalon, in dorsal thalamus and in hypothalamus.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

N/A

Application

Tested by peptide-specific ELISA (1:1,000).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

References:

1. Mukhopadhyay D, Houchen CW, Kennedy S, Dieckgraefe BK, Anant S: Coupled mRNA stabilization and translational silencing of cyclooxygenase-2 by a novel RNA binding protein, CUGBP2. *Mol. Cell.* 11(1): 113-126 (2003).
2. Zhang W, Liu H, Han K, Grabowski PJ: Region-specific alternative splicing in the nervous system: implications for regulation by the RNA-binding protein NAPOR. *RNA* 8(5): 671-685 (2002).
3. Levers TE, Tait S, Birling MC, Brophy PJ, Price DJ: Etr-r3/mNapor, encoding an ELAV-type RNA binding protein, is expressed in differentiating cells in the developing rodent forebrain. *Mech. Dev.* 112(1-2): 191-193 (2002).
4. Choi DK, Ito T, Tsukahara F, Hirai M, Sakaki Y: Developmentally-regulated expression of mNapor encoding an apoptosis-induced ELAV-type RNA binding protein. *Gene* 237(1): 135-142 (1999).