

# CUGBP1 rabbit monoclonal antibody

Catalog # H00010658-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CUGBP1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CUGBP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human CUGBP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CUGBP1

Entrez GeneID	<a href="#">10658</a>
GeneBank Accession#	<a href="#">CUGBP1</a>
Gene Name	CUGBP1
Gene Alias	BRUNOL2, CUG-BP, CUGBP, NAB50, hNab50
Gene Description	CUG triplet repeat, RNA binding protein 1
Omim ID	<a href="#">601074</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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 dystrophin myotonic-protein kinase (DMPK) gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	CUG RNA-binding protein CUG triplet repeat, RNA-binding protein 1 bruno-like 2 nuclear polyadenylated RNA-binding protein, 50-kD