

For Research Use Only

# CUGBP1 Recombinant monoclonal antibody

Catalog Number: 86227-4-RR



## Basic Information

**Catalog Number:**

86227-4-RR

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3677

**GenBank Accession Number:**

BC031079

**GeneID (NCBI):**

10658

**UNIPROT ID:**

Q92879

**Full Name:**

CUG triplet repeat, RNA binding protein 1

**Calculated MW:**

483 aa, 52 kDa

**Observed MW:**

51-55 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250200A8

**Recommended Dilutions:**

WB: 1:2000-1:10000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : HeLa cells, HEK-293T cells, SH-SY5Y cells, HL-60, NIH/3T3 cells, mouse brain tissue, rat brain tissue

## Background Information

CUG triplet repeat RNA binding protein 1 (CUGBP1) is a member of the CUGBP Elav-like family (CELF), which plays an important role in cardiac development and function (PMID: 17130239). CUGBP1 has also been shown to localize to cytoplasmic stress granules when cells are stressed.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

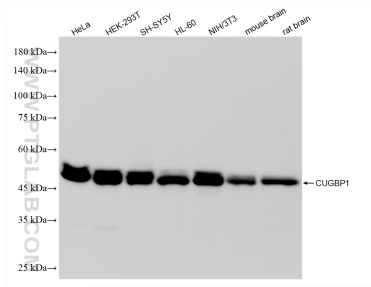
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

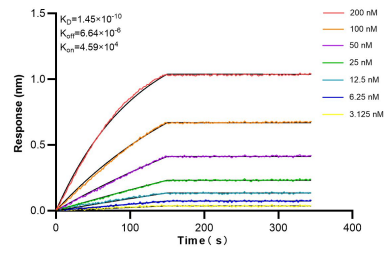
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86227-4-RR (CUGBP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86227-4-RR against Human CUGBP1 were performed. The affinity constant is 0.145 nM.