

For Research Use Only

# CUGBP1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86227-4-PBS



## Basic Information

<b>Catalog Number:</b> 86227-4-PBS	<b>GenBank Accession Number:</b> BC031079	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10658	<b>CloneNo.:</b> 250200A8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92879	
<b>Isotype:</b> IgG	<b>Full Name:</b> CUG triplet repeat, RNA binding protein 1	
<b>Immunogen Catalog Number:</b> AG3677	<b>Calculated MW:</b> 483 aa, 52 kDa	
	<b>Observed MW:</b> 51-55 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## 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 -80°C.

**Storage Buffer:**  
PBS only, pH7.3

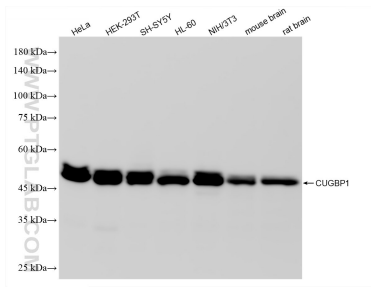
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

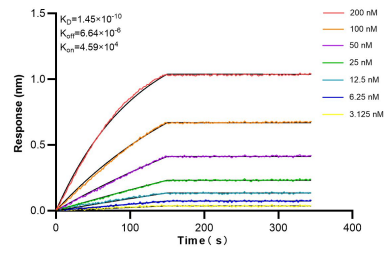
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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. This data was developed using the same antibody clone with 86227-4-PBS in a different storage buffer formulation.



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