

For Research Use Only

CUGBP1 Recombinant monoclonal antibody

Catalog Number:86227-4-RR



Basic Information

Catalog Number: 86227-4-RR	GenBank Accession Number: BC031079	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10658	CloneNo.: 250200A8
Source: Rabbit	UNIPROT ID: Q92879	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: CUG triplet repeat, RNA binding protein 1	
Immunogen Catalog Number: AG3677	Calculated MW: 483 aa, 52 kDa	
	Observed MW: 51-55 kDa	

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

*** 20ul sizes contain 0.1% BSA

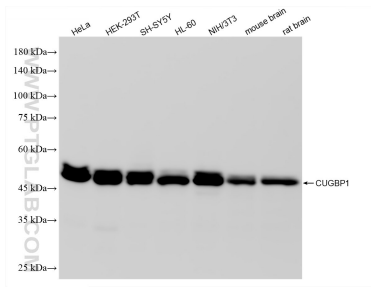
For technical support and original validation data for this product please contact:

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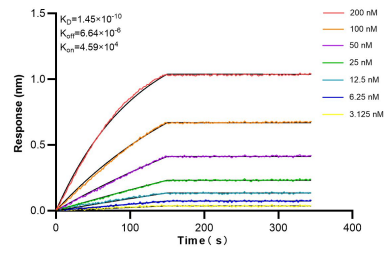
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Selected Validation Data



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.