

For Research Use Only

CPEB1 Recombinant antibody

Catalog Number: 82785-1-RR



Basic Information

Catalog Number:

82785-1-RR

Size:

100ul, Concentration: 400 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3994

GenBank Accession Number:

BC035348

GeneID (NCBI):

64506

UNIPROT ID:

Q9BZB8

Full Name:

cytoplasmic polyadenylation element binding protein 1

Calculated MW:

486 aa, 54 kDa

Observed MW:

63 kDa

Purification Method:

Protein A purification

CloneNo.:

6I9

Recommended Dilutions:

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

Background Information

CPEB1, also named as CEBP, CPEB and CPE-BP1, contains two RRM (RNA recognition motif) domains and belongs to the RRM CPEB family. It is a sequence-specific RNA-binding protein that regulates mRNA cytoplasmic polyadenylation and translation initiation during oocyte maturation, early development and at postsynapse sites of neurons. CPEB1 regulated translation is a key process involved in INS signaling.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

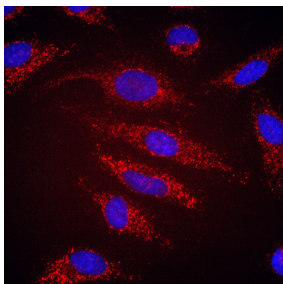
For technical support and original validation data for this product please contact:

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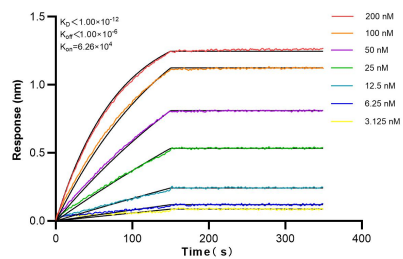
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CPEB1 antibody (82785-1-RR, Clone: 6I9) at dilution of 1:400 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).



Biolayer interferometry (BLI) kinetic assays of 82785-1-RR against Human CPEB1 were performed. The affinity constant is below 1 pM.