

For Research Use Only

CUGBP1 Polyclonal antibody

Catalog Number: 13002-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

13002-1-AP

Size:

400 µg/ml

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:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HL-60 cells, HeLa cells, NIH/3T3 cells, HT-1080 cells, mouse brain tissue, rat brain tissue

IP: HeLa cells,

IHC: human breast cancer tissue, human skin cancer tissue, human testis tissue

IF: HeLa cells,

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Xu Zhao	34697393	Sci Rep	WB
Jocelyn N Galloway	24986919	Hum Mol Genet	IHC
Gena Huang	31958132	Carcinogenesis	WB

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

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

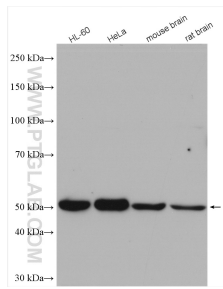
T: 4006900926

E: Proteintech-CN@ptglab.com

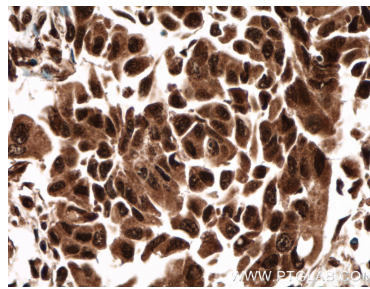
W: ptgcn.com

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

Selected Validation Data



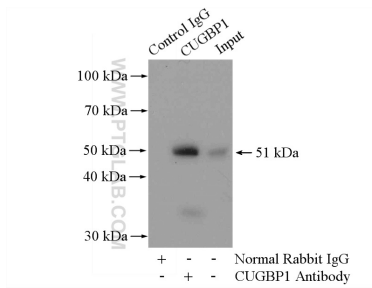
Various lysates were subjected to SDS PAGE followed by western blot with 13002-1-AP (CUGBP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13002-1-AP (CUGBP1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using CUGBP1 antibody 13002-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP result of anti-CUGBP1 (IP:13002-1-AP, 4ug; Detection:13002-1-AP 1:500) with HeLa cells lysate 3200ug.