

For Research Use Only

CUGBP1 Polyclonal antibody

Catalog Number: 13002-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

13002-1-AP

Size:

400 ug/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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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/ICC : HeLa cells,

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

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:

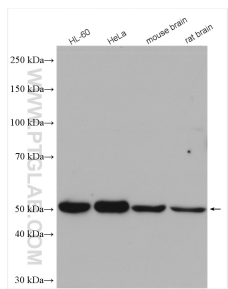
T: 4006900926

E: Proteintech-CN@ptglab.com

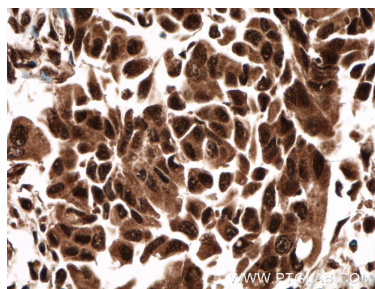
W: ptgcn.com

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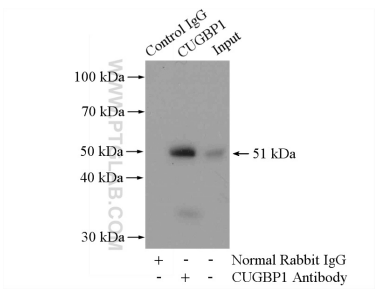
Selected Validation Data



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).



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



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CUGBP1 antibody (13002-1-AP) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).