

For Research Use Only

CNBP Polyclonal antibody

Catalog Number: 12103-1-AP



Basic Information

Catalog Number:

12103-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2747

GenBank Accession Number:

BC014911

GeneID (NCBI):

7555

UNIPROT ID:

P62633

Full Name:

CCHC-type zinc finger, nucleic acid binding protein

Calculated MW:

170 aa, 19 kDa

Observed MW:

21 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, NIH/3T3 cells

IF/ICC : HeLa cells,

Background Information

Cellular nucleic acid binding protein (CNBP) has been implicated in vertebrate craniofacial development and in myotonic dystrophy type 2 (DM2) and sporadic inclusion body myositis (sIBM) human diseases [PMID:21277287]. CNBP is a small and strikingly conserved single-stranded nucleic acid binding protein that is able to bind DNA as well as RNA. This ssDNA- and RNA-binding protein with broad sequence specificity is participated in diverse cellular functions, including transcription, translation and through them cell proliferation and survival [PMID:20960530].

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

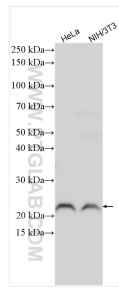
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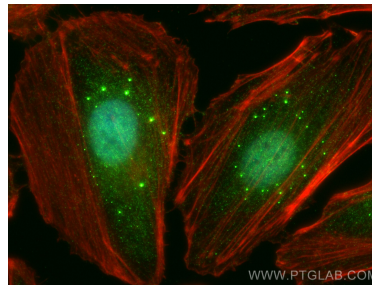
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12103-1-AP (CNBP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CNBP antibody (12103-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).