

For Research Use Only

CNBP Polyclonal antibody

Catalog Number:12103-1-AP



Basic Information

| | | |
|---|--|---|
| Catalog Number: 12103-1-AP | GenBank Accession Number: BC014911 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 650 ug/ml by Nanodrop; | GeneID (NCBI): 7555 | Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: P62633 | |
| Isotype: IgG | Full Name: CCHC-type zinc finger, nucleic acid binding protein | |
| Immunogen Catalog Number: AG2747 | Calculated MW: 170 aa, 19 kDa | |
| | Observed MW: 21 kDa | |

Applications

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|--|---|
| Tested Applications: WB, IF/ICC, ELISA | Positive Controls: WB : HeLa cells, NIH/3T3 cells |
| Species Specificity: human, mouse | 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

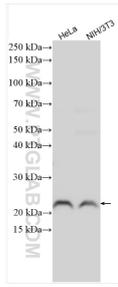
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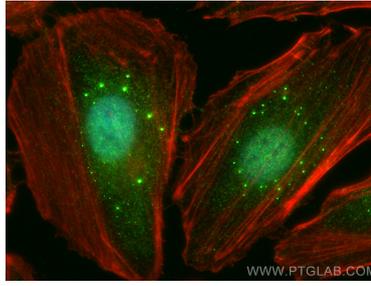
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Selected Validation Data



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).