

## Rabbit CNP Polyclonal Antibody | anti-CNP antibody

CNP Antibody (C-Term)

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA290546</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

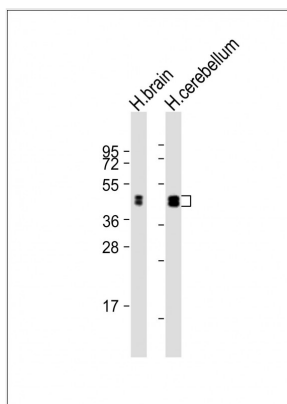
### PRODUCT SYNONYMS

CNP; Polyclonal Antibody; CNP Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab); 2'; 3'-cyclic-nucleotide 3'-phosphodiesterase; CNPase; anti-CNP antibody

### PRODUCT SPECIFICATIONS

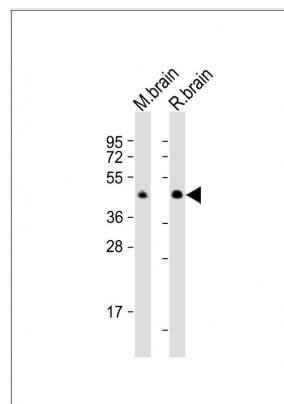
|                                               |                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                       |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                            |
| Clonality                                     | Polyclonal                                                                                                                                                                   |
| Isotype                                       | Ig                                                                                                                                                                           |
| Specificity                                   | This CNP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 122-156 amino acids from human CNP.                                   |
| Form/Format                                   | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Sequence Length                               | 421                                                                                                                                                                          |
| Applicable Applications for anti-CNP antibody | WB (Western Blot)                                                                                                                                                            |
| Antigen Source                                | Human                                                                                                                                                                        |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

### IMAGES



#### WB (Western Blot)

All lanes : Anti-CNP Antibody (C-Term) at 1:2000 dilution  
Lane 1: human brain lysates  
Lane 2: human cerebellum lysates  
Lysates/proteins at 20 ug per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.  
Predicted band size : 48 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.



#### WB (Western Blot)

All lanes : Anti-CNP Antibody (C-Term) at 1:2000 dilution  
Lane 1: mouse brain lysates  
Lane 2: rat brain lysates  
Lysates/proteins at 20 ug per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.  
Predicted band size : 48 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                         |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CNP antibody | May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.                                                                                                                                     |
| Product Categories/Family for anti-CNP antibody   | Crown Antibodies; Neuroscience                                                                                                                                                                                                                                          |
| References                                        | Thompson R.J.,et al.Biochem. Soc. Trans. 20:621-626(1992). Kurihara T.,et al.Biochem. Biophys. Res. Commun. 152:837-842(1988). Monoh K.,et al.Gene 129:297-301(1993). Douglas A.J.,et al.Ann. Hum. Genet. 56:243-254(1992). Zody M.C.,et al.Nature 440:1045-1049(2006). |

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 94721261                                     |
| NCBI GeneID                      | 1267                                         |
| NCBI Accession #                 | NP_149124.3                                  |
| NCBI GenBank Nucleotide #        | NM_033133.4                                  |
| UniProt Accession #              | P09543                                       |
| Molecular Weight                 | 47579                                        |
| NCBI Official Full Name          | 2',3'-cyclic-nucleotide 3'-phosphodiesterase |
| NCBI Official Synonym Full Names | 2',3'-cyclic nucleotide 3' phosphodiesterase |
| NCBI Official Symbol             | CNP                                          |
| NCBI Official Synonym Symbols    | CNP1                                         |
| NCBI Protein Information         | 2',3'-cyclic-nucleotide 3'-phosphodiesterase |
| UniProt Protein Name             | 2',3'-cyclic-nucleotide 3'-phosphodiesterase |
| UniProt Gene Name                | CNP                                          |
| UniProt Synonym Gene Names       | CNP; CNPase                                  |
| UniProt Entry Name               | CN37_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.