

## Rabbit anti-Human Nucleobindin 1/NUCB1 Polyclonal Antibody | anti-NUCB1 antibody

Rabbit anti-Nucleobindin 1/NUCB1 Antibody, Affinity Purified

|                               |                       |                            |                                                          |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------|
| CATALOG #<br><b>AAA212967</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunoprecipitation, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------|

### PRODUCT SYNONYMS

Nucleobindin 1/NUCB1; Polyclonal Antibody; Rabbit anti-Nucleobindin 1/NUCB1 Antibody; Affinity Purified; CALNUC; NUC; nucleobindin-1; Nucleobindin-1; nucleobindin 1; anti-NUCB1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human                                                                                     |
| Clonality                                       | Polyclonal                                                                                |
| Purity/Purification                             | Antigen Affinity Purified                                                                 |
| Form/Format                                     | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                   | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-NUCB1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Predicted Reactivity                            | Orangutan                                                                                 |
| Immunogen                                       | Between 411 and C-terminus                                                                |
| Conjugation                                     | Unconjugated                                                                              |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human Nucleobindin 1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Nucleobindin 1 antibody AAA212967 (lot AAA212967-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



#### IP (Immunoprecipitation)

Detection of human Nucleobindin 1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Nucleobindin 1 antibody AAA212967 (lot AAA212967-1) used for IP at 6 ug per reaction. Nucleobindin 1 was also immunoprecipitated by rabbit anti-Nucleobindin 1 antibody A304-332A. For blotting immunoprecipitated Nucleobindin 1, AAA212967 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NUCB1 antibody | Nucleobindin 1 is a member of a small calcium-binding EF-hand protein family. Nucleobindin 1 is thought to have a key role in Golgi calcium homeostasis and Ca(2+)-regulated signal transduction events [taken from NCBI Entrez Gene (Gene ID: 4924)]. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 20070228                               |
| NCBI GeneID                      | 4924                                   |
| NCBI Accession #                 | NP_006175.2                            |
| NCBI GenBank Nucleotide #        | NM_006184.5                            |
| UniProt Accession #              | Q02818; Q15838; Q7Z4J7; Q9BUR1; B2RD64 |
| Molecular Weight                 | 53,879 Da                              |
| NCBI Official Full Name          | nucleobindin-1                         |
| NCBI Official Synonym Full Names | nucleobindin 1                         |
| NCBI Official Symbol             | NUCB1                                  |
| NCBI Official Synonym Symbols    | NUC; CALNUC                            |
| NCBI Protein Information         | nucleobindin-1                         |
| UniProt Protein Name             | Nucleobindin-1                         |
| UniProt Gene Name                | <b>NUCB1</b>                           |
| UniProt Synonym Gene Names       | NUC                                    |
| UniProt Entry Name               | NUCB1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nucleobindin-1-nucb1-antibody-immunoprecipitation-western-blot-elisa/212967>