

## Datasheet for ABIN7643752 **anti-Nucleobindin 1 antibody**

[Go to Product page](#)

### Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | Nucleobindin 1 (NUCB1)                                                                                    |
| Reactivity:  | Rat                                                                                                       |
| Host:        | Mouse                                                                                                     |
| Clonality:   | Monoclonal                                                                                                |
| Conjugate:   | This Nucleobindin 1 antibody is un-conjugated                                                             |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

### Product Details

|               |                                                                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Nucleobindin 1 (NUCB1)                                                                                                                                   |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against NUCB1. It has been selected for its ability to recognize NUCB1 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                          |

### Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | Nucleobindin 1 (NUCB1)                   |
| Alternative Name: | NUCB1 ( <a href="#">NUCB1 Products</a> ) |
| Background:       | NUC, CALNUC                              |

## Application Details

|                    |                                                                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200<br>Immunocytochemistry: 5-20 µg/mL, 1:50-200 Optimal working dilutions must be determined by end user. |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|          |                                                                                                                                                                                                                                                                                                                                     |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

|                |         |
|----------------|---------|
| Concentration: | 1 mg/mL |
|----------------|---------|

|         |                                                             |
|---------|-------------------------------------------------------------|
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
|---------|-------------------------------------------------------------|

|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
|--------------------|------------------------------------------------------------------------------------------------------------------------|

|          |              |
|----------|--------------|
| Storage: | 4 °C, -20 °C |
|----------|--------------|

|                  |                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|