

[Go to Product page](#)

Datasheet for ABIN700693  
**anti-NUCB2 antibody (AA 181-280) (Cy3)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | NUCB2 (NES1)  |
| Binding Specificity: | AA 181-280  |
| Reactivity:          | Human, Rat, Mouse   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This NUCB2 antibody is conjugated to Cy3  |
| Application:         | Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Nesfatin-1/Nucb2 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human, Mouse, Rat  |
| Predicted Reactivity: | Dog,Cow,Pig,Horse,Rabbit   |
| Purification:         | Purified by Protein A.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | NUCB2 (NES1)                                 |
| Alternative Name: | Nesfatin-1 ( <a href="#">NES1 Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | Synonyms: NEFA, HEL-S-19, Nucleobindin-2, DNA-binding protein NEFA, Gastric cancer antigen Zg4, Prepronesfatin, NUCB2<br>Background: Calcium-binding protein. May have a role in calcium homeostasis. Nesfatin-1: Anorexigenic peptide, seems to play an important role in hypothalamic pathways regulating food intake and energy homeostasis, acting in a leptin-independent manner. May also exert hypertensive roles and modulate blood pressure through directly acting on peripheral arterial resistance (By similarity). |
| Gene ID:    | 4925  |
| UniProt:    | <a href="#">P80303</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |