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Datasheet for ABIN908006

## anti-NUCB2 antibody (AA 181-280) (Alexa Fluor 647)

### 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 Alexa Fluor 647  |
| 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

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Background: Synonyms: NEFA, HEL-S-19, Nucleobindin-2, DNA-binding protein NEFA, Gastric cancer antigen Zg4, Prepronesfatin, NUCB2

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).

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Gene ID: 4925

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UniProt: [P80303](#)

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## Application Details

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Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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