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Datasheet for ABIN6982060

## anti-NIPA1 antibody (AA 161-260) (Alexa Fluor 750)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | NIPA1   |
| Binding Specificity: | AA 161-260  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This NIPA1 antibody is conjugated to Alexa Fluor 750  |
| Application:         | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human NIPA1 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human   |
| Predicted Reactivity: | Mouse,Rat,Dog   |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | NIPA1                                    |
| Alternative Name: | NIPA1 ( <a href="#">NIPA1 Products</a> ) |

## Target Details

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Background: Synonyms: FSP 3, FSP3, Magnesium transporter NIPA1, MGC102724, MGC35570, NIPA 1, NIPA1, NIPA1\_HUMAN, Non imprinted in Prader Willi/Angelman syndrome region protein 1, Non-imprinted in Prader-Willi/Angelman syndrome region protein 1, Spastic paraplegia 6 (autosomal dominant), Spastic paraplegia 6 protein, SPG 6, SPG6.

Background: This gene encodes a magnesium transporter that associates with early endosomes and the cell surface in a variety of neuronal and epithelial cells. This protein may play a role in nervous system development and maintenance. Multiple transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with autosomal dominant spastic paraplegia 6. [provided by RefSeq, Nov 2008]

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Gene ID: 123606

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UniProt: [Q7RTP0](#)

## Application Details

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Application Notes: 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

## 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