

**NIPA2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9204b****Specification**

---

**NIPA2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8N8Q9](#)**NIPA2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 81614**Other Names**

Magnesium transporter NIPA2, Non-imprinted in Prader-Willi/Angelman syndrome region protein 2, NIPA2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9204b](/products/AP9204b) was selected from the C-term region of human NIPA2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NIPA2 Antibody (C-term) Blocking Peptide - Protein Information****Name** NIPA2**Function**

Acts as a selective Mg(2+) transporter.

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Early endosome {ECO:0000250|UniProtKB:Q9JJC8}.  
Note=Recruited to the cell membrane in response to low extracellular magnesium {ECO:0000250|UniProtKB:Q9JJC8}

**Tissue Location**

Widely expressed..

## **NIPA2 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **NIPA2 Antibody (C-term) Blocking Peptide - Images**

## **NIPA2 Antibody (C-term) Blocking Peptide - Background**

NIPA2 belongs to the NIPA family. It is a multi-pass membrane protein. The function of the NIPA2 protein remains unknown.

## **NIPA2 Antibody (C-term) Blocking Peptide - References**

Bittel,D.C., et.al., Pediatrics 118 (4), E1276-E1283 (2006)Lefevre,C., et.al, Hum. Mol. Genet. 13 (20), 2473-2482 (2004)Glinsky,G.V., et.al, J. Clin. Invest. 113 (6), 913-923 (2004)