

**NIPA4 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10078a****Specification**

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**NIPA4 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q0D2K0](#)  
Other Accession [NP\\_001092757.1](#), [NP\\_001165763.1](#)

**NIPA4 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 348938

**Other Names**

Magnesium transporter NIPA4, Ichthyin, NIPA-like protein 4, Non-imprinted in Prader-Willi/Angelman syndrome region protein 4, NIPAL4, ICHN, NIPA4

**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.

**NIPA4 Antibody (N-term) Blocking peptide - Protein Information**

**Name** NIPAL4

**Synonyms** ICHN, NIPA4

**Function**

Acts as a Mg(2+) transporter. Can also transport other divalent cations such as Ba(2+), Sr(2+) and Fe(2+) but to a much less extent than Mg(2+) (By similarity). May be a receptor for ligands (trioxilins A3 and B3) from the hepoxilin pathway (PubMed:<a href="http://www.uniprot.org/citations/15317751" target="\_blank">15317751</a>).

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:Q9JJC8}; Multi-pass membrane protein

**Tissue Location**

Highly expressed in brain, lung, stomach, keratinocytes and leukocytes, and in all other tissues tested except liver, thyroid and fetal brain.

**NIPA4 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**NIPA4 Antibody (N-term) Blocking peptide - Images**