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NIPAL4 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15518

Specification

NIPAL4 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q0D2K0
Other Accession	NM_001172292, NP_001165763
Reactivity	**Human**
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**49kDa KDa**

NIPAL4 Antibody - N-terminal region - Additional Information

Gene ID 348938

Alias Symbol	**ICHTHYIN, ICHYN**

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

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-NIPAL4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
NIPAL4 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NIPAL4 Antibody - N-terminal region - 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:15317751).

Cellular Location

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

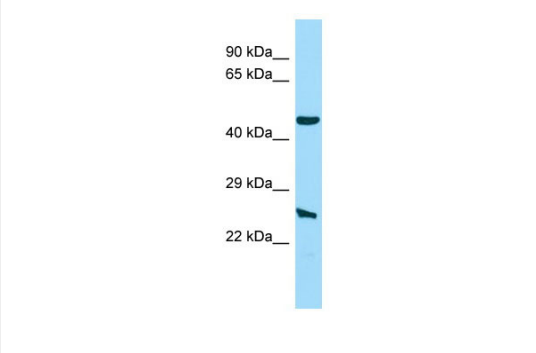
Tissue Location
Highly expressed in brain, lung, stomach, keratinocytes and leukocytes, and in all other tissues tested except liver, thyroid and fetal brain.

NIPAL4 Antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NIPAL4 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: NIPAL4
Sample Tissue: Hela Whole cell lysate
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Antibody Dilution: 1.0µg/ml