



Anti-NIPA1 (aa 183-226) polyclonal antibody (DPABH-20065)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | Acts as a Mg(2+) transporter. Can also transport other divalent cations such as Fe(2+), Sr(2+), Ba(2+), Mn(2+) and Co(2+) but to a much less extent than Mg(2+). |
| Immunogen | Recombinant Protein Epitope Signature Tag, corresponding to amino acids 183-226 (HGPTNIMVYI SICSLGSFT VPSTKGIGLA AQDILHNNPS SQRA) of Human NIPA1. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | ICC/IF, IHC-P |
| Format | Liquid |
| Size | 100 µl |
| Buffer | pH: 7.20; Constituents: 59% PBS, 40% Glycerol |
| Preservative | 0.02% Sodium Azide |
| Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |

GENE INFORMATION

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| Gene Name | NIPA1 non imprinted in Prader-Willi/Angelman syndrome 2 [Homo sapiens] |
| Official Symbol | NIPA1 |
| Synonyms | NIPA1; non imprinted in Prader-Willi/Angelman syndrome 1; FSP3; SPG6; magnesium transporter NIPA1; spastic paraplegia 6 protein; non-imprinted in Prader-Willi/Angelman syndrome 1; non-imprinted in Prader-Willi/Angelman syndrome region protein 1; |
| Entrez Gene ID | 123606 |
| Protein Refseq | NP_001135747.1 |
| UniProt ID | A0A024R344 |
| Function | magnesium ion transmembrane transporter activity; |