SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-NIPA-2 antibody

SL7465R

Product Name:	NIPA-2
Chinese Name:	镁TransporterNIPA2抗体
Alias:	Magnesium transporter NIPA2; MGC5466; NIPA 2; NIPA2_HUMAN; NIPA2; Non imprinted in Prader Willi/Angelman syndrome 2; Non imprinted in Prader Willi/Angelman syndrome region protein 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NIPA-2:251-360/360
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a possible magnesium transporter. This gene is located adjacent to the imprinted domain in the Prader-Willi syndrome deletion region of chromosome 15. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 7 and 21.[provided by RefSeq, May 2010]

Function:
This gene encodes a possible magnesium transporter. This gene is located adjacent to the imprinted domain in the Prader-Willi syndrome deletion region of chromosome 15. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 7 and 21.

Subcellular Location:
Membrane; Multi-pass membrane protein.

Tissue Specificity:
Widely expressed.

Similarity:
Belongs to the NIPA family.

SWISS:
Q8N8Q9

Gene ID:
81614

Database links:

Entrez Gene: 81614 Human

Entrez Gene: 507430 Cow

Entrez Gene: 479002 Dog

Entrez Gene: 93790 Mouse

Omim: 608146 Human

SwissProt: Q3SWXO Cow

SwissProt: Q8N8Q9 Human

SwissProt: Q9JJC8 Mouse

Unigene: 591003 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.