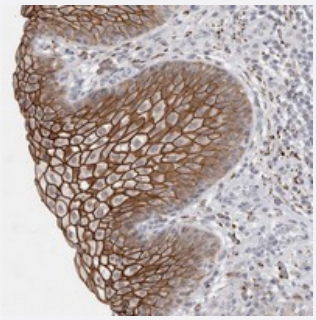
NIPA1 polyclonal antibody

Catalog # PAB21503 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human urinary bladder with NIPA1 polyclonal antibody (Cat # PAB21503) shows strong membranous positivity in urothelial cells at 1:10-1:20 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NIPA1.
Immunogen	Recombinant protein corresponding to amino acids of human NIPA1.
Sequence	HGPTNIMVYISICSLLGSFTVPSTKGIGLAAQDILHNNPSSQRA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — NIPA1

Entrez GeneID	123606
Protein Accession#	Q7RTP0
Gene Name	NIPA1
Gene Alias	FSP3, MGC102724, MGC35570, SPG6
Gene Description	non imprinted in Prader-Willi/Angelman syndrome 1
Omim ID	600363 608145
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a magnesium transporter that associates with early endosomes and the cell s urface in a variety of neuronal and epithelial cells. This protein may play a role in nervous system d evelopment and maintenance. Multiple transcript variants encoding different isoforms have been f ound for this gene. Mutations in this gene have been associated with autosomal dominant spastic paraplegia 6. [provided by RefSeq
Other Designations	non-imprinted in Prader-Willi/Angelman syndrome 1|spastic paraplegia 6 (autosomal dominant)

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Multiple Sclerosis
- Spastic Paraplegia