

Datasheet for ABIN953704
anti-NIPAL1 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	NIPAL1
Binding Specificity:	AA 388-410, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NIPAL1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 388-410aa) of human NIPAL1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes NIPAL1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	NIPAL1
Alternative Name:	NIPAL1 (NIPAL1 Products)

Target Details

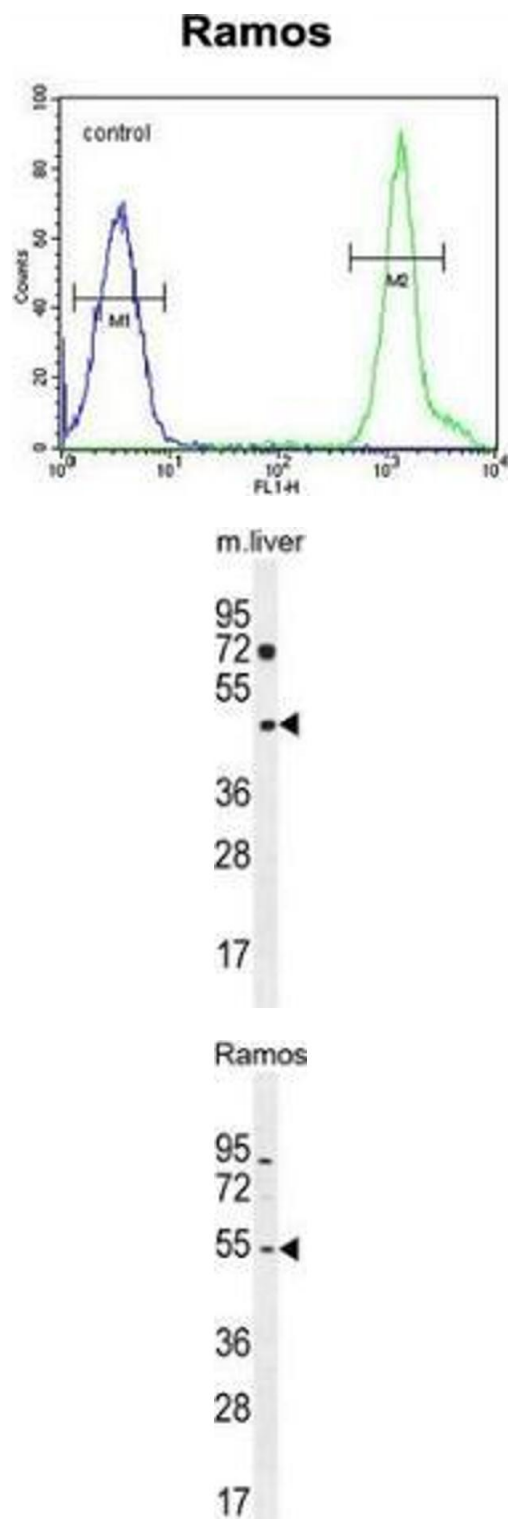
Background:	Acts as a Mg(2+) transporter. Can also transport other divalent cations such as Fe(2+), Sr(2+), Ba(2+), Mn(2+), Cu(2+) and Co(2+) but to a much less extent than Mg(2+) (By similarity).Synonyms: Magnesium transporter NIPA3, NIPA3, NPAL1
Gene ID:	152519
NCBI Accession:	NP_997213

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram) using NIPAL1 Antibody (C-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.

Western Blotting

Image 2. Western blot analysis in mouse liver tissue lysates (35ug/lane) using NIPAL1 Antibody (C-term). This demonstrates this antibody detected the NIPAL1 protein (arrow).

Western Blotting

Image 3. Western blot analysis in Ramos cell line lysates (35ug/lane) using NIPAL1 Antibody (C-term). This demonstrates this antibody detected the NIPAL1 protein (arrow).