

Product datasheet for **AP52878PU-N**

NIPAL1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	Flow cytometry: 1/10-1/50. Western blot: 1/100-1/500. Enzyme immunoassay: 1/1000.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 388-410aa) of human NIPAL1
Specificity:	This antibody recognizes NIPAL1 at C-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	NIPA like domain containing 1
Database Link:	Entrez Gene 152519 Human Q6NVV3
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

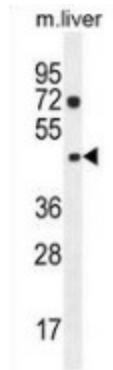


[View online »](#)

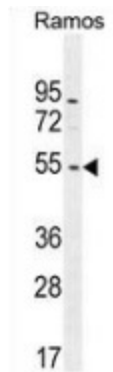
Note: **Molecular Weight:** 44638 Da

Protein Families: Transmembrane

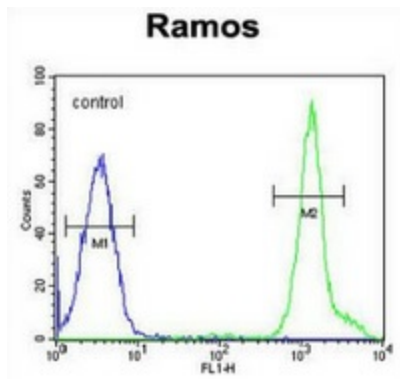
Product images:



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



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.