

Datasheet for ABIN2789860
anti-NIPA1 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	NIPA1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NIPA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	FREWSNVGLV DFLGMACGFT TVSVGIVLIQ VFKEFNFLG EMNKSNMKTD
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NIPA1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NIPA1
Alternative Name:	NIPA1 (NIPA1 Products)
Background:	This gene encodes a magnesium transporter that associates with early endosomes and the cell surface in a variety of neuronal and epithelial cells. This protein may play a role in nervous

Target Details

system development and maintenance. Multiple transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with autosomal dominant spastic paraplegia 6.

Alias Symbols: FSP3, MGC102724, MGC35570, SPG6

Protein Size: 254

Molecular Weight: 27 kDa

Gene ID: 123606

NCBI Accession: [NM_001142275](#), [NP_001135747](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 254 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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 freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

