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Datasheet for ABIN2782426 anti-GM2A antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	GM2A
Binding Specificity:	N-Term
Reactivity:	Human, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GM2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GM2A
Sequence:	SWDNCDEGKD PAVIRSLTLE PDPIIVPGNV TLSVMGSTSV PLSSPLKVDL
Predicted Reactivity:	Guinea Pig: 83%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against GM2A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	GM2A
Alternative Name:	GM2A (GM2A Products)

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Target Details

Background:	This gene encodes a small glycolipid transport protein which acts as a substrate specific co-
	factor for the lysosomal enzyme beta-hexosaminidase A. Beta-hexosaminidase A, together with
	GM2 ganglioside activator, catalyzes the degradation of the ganglioside GM2, and other
	molecules containing terminal N-acetyl hexosamines. Mutations in this gene result in GM2-
	gangliosidosis type AB or the AB variant of Tay-Sachs disease. Alternative splicing results in
	multiple transcript variants.
	Alias Symbols: SAP-3, GM2-AP
	Protein Interaction Partner: ELAVL1, UBC, HEXA, GPLD1, PLD2,
	Protein Size: 193
Molecular Weight:	21 kDa
Gene ID:	2760
NCBI Accession:	NM_000405, NP_000396
UniProt:	P17900

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 193 AA
Restrictions:	For Research Use only

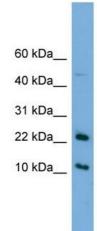
Handling

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

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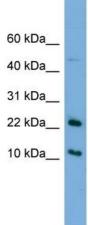
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GM2A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Hela cell lysate



Rabbit Anti-GM2A Antibody Catalog Number: ARP46007 Lot Number: QC15486 Lane: Hela Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 10-20%

Western Blotting

Image 2. WB Suggested Anti-GM2A Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500 Positive Control: Hela cell lysate

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