

Datasheet for ABIN2782427
anti-GM2A antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	GM2A
Binding Specificity:	N-Term
Reactivity:	Human
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:	MQSLMQAPLL IALGLLLAAP AQAHLKKPSQ LSSFSDNCD EGKDDPAVIRS
Predicted Reactivity:	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)

Target Details

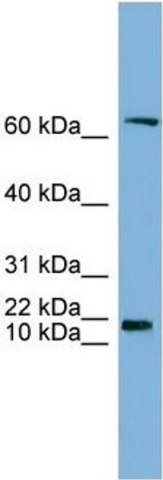
Background:	This gene encodes a small glycolipid transport protein which acts as a substrate specific co-factor for the lysosomal enzyme beta-hexosaminidase A. Beta-hexosaminidase A, together with GM2 ganglioside activator, catalyzes the degradation of the gangliosid Alias Symbols: SAP-3, GM2-AP Protein Interaction Partner: ELAVL1, UBC, HEXA, GPLD1, PLD2, Protein Size: 193
Molecular Weight:	18 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 aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-GM2A Antibody Titration: 0.2-1 ug/ml Positive Control: HT1080 cell lysate