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anti-GM2A antibody (AA 164-175)





Overview

Quantity:	100 μg
Target:	GM2A
Binding Specificity:	AA 164-175
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GM2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GM2A (aa 164-175)
Immunogen:	CTTGNYRIESVLS
Sequence:	TTGNYRIESV LS
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_000396.2) only.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity
	chromatography using the immunizing peptide.
Grade:	Verified

Target Details

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Target:	GM2A
Alternative Name:	GM2A (GM2A Products)
Background:	GM2A, GM2 ganglioside activator, SAP-3, cerebroside sulfate activator protein, sphingolipid activator protein 3
Gene ID:	2760, 14667, 282838
NCBI Accession:	NP_000396
Application Details	
Application Notes:	Western Blot: Approx. 24 kDa band was observed in Rat Kidney lysates (calculated MW of 21.5 kDa according to NP_758838.2). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email sales@everestbiotech.com to request datasheet, pricing and delivery information
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 1. ABIN625812 ($0.3\mu g/ml$) staining of Rat Kidney lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.