

GM2A Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5841a**Specification**

GM2A Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P17900](#)
Other Accession [NP_000396.2](#)

GM2A Antibody (N-term) Blocking peptide - Additional Information

Gene ID 2760

Other Names

Ganglioside GM2 activator, Cerebroside sulfate activator protein, GM2-AP, Sphingolipid activator protein 3, SAP-3, Ganglioside GM2 activator isoform short, GM2A

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GM2A Antibody (N-term) Blocking peptide - Protein Information

Name GM2A ([HGNC:4367](#))

Function

The large binding pocket can accommodate several single chain phospholipids and fatty acids, GM2A also exhibits some calcium- independent phospholipase activity (By similarity). Binds gangliosides and stimulates ganglioside GM2 degradation. It stimulates only the breakdown of ganglioside GM2 and glycolipid GA2 by beta-hexosaminidase A. It extracts single GM2 molecules from membranes and presents them in soluble form to beta-hexosaminidase A for cleavage of N-acetyl-D- galactosamine and conversion to GM3 (By similarity). Has cholesterol transfer activity (PubMed:17552909).

Cellular Location

Lysosome.

GM2A Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GM2A Antibody (N-term) Blocking peptide - Images