

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

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**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:<a href="http://www.uniprot.org/citations/17552909" target="\_blank">17552909</a>).

**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**