

# 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**

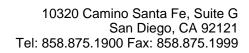
The large binding pocket can accommodate several single chain phospholipids and fatty acids, GM2A also exhibits some calcium- independent phospholipase activity (By similarity). Binds gangliosides and stimulates ganglioside GM2 degradation. It stimulates only the breakdown of ganglioside GM2 and glycolipid 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:<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.





• <u>Blocking Peptides</u> **GM2A Antibody (N-term) Blocking peptide - Images**