

GM2A

Reactivity: Human

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 21kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human GM2A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SAP-3; GM2-AP;

Catalog #: A6605

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2760

Isotype: IgG

Swiss Prot: P17900

Purity: Affinity purification

For research use only.

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 ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Mutations in this gene result in GM2-gangliosidosis type AB or the AB variant of Tay-Sachs disease. Alternative splicing results in multiple transcript variants.

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