

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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