

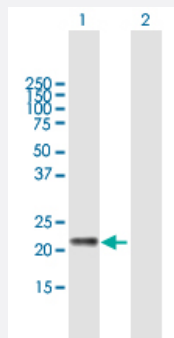
MaxPab®

GM2A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002760-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GM2A expression in transfected 293T cell line ([H00002760-T01](#)) by GM2A MaxPab polyclonal antibody.

Lane 1: GM2A transfected lysate(21.34 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GM2A protein.
Immunogen	GM2A (AAH09273, 1 a.a. ~ 193 a.a) full-length human protein.
Sequence	MQSLMQAPLLIALGLLLAAPAQAHLKKPSQLSSFSWDNCDEGKDPVIRSLTLEPDPIVPGNVT LSVVGSTSVPLSSPLKVDLVLEKEVAGLWIKIPCTDYIGSCTFERFCDVLDMLIPTGEPCEPLRTY GLPCHCPFKEGTYSPLKSEFVVPDLELP SWLT TGNYRIESVLSSSGKRLGCIKIAASLKGI
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — GM2A

Entrez GeneID [2760](#)

GeneBank Accession# [BC009273](#)

Protein Accession# [AAH09273](#)

Gene Name GM2A

Gene Alias SAP-3

Gene Description GM2 ganglioside activator

Omim ID [272750](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 A B or the AB variant of Tay-Sachs disease. [provided by RefSeq]

Other Designations cerebroside sulfate activator protein|sphingolipid activator protein 3

Pathway

- [Lysosome](#)

Disease

- [Tobacco Use Disorder](#)