

GM2A Polyclonal Antibody

Catalog number: 10864-2-AP

Size: 30 µg/150 µl

Source: Rabbit

Isotype: IgG

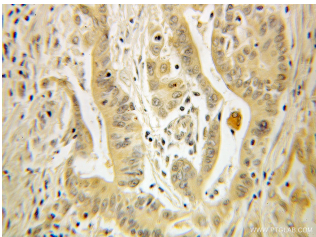
Synonyms:

GM2A; Ganglioside GM2

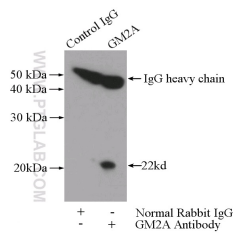
activator, GM2 AP, GM2

ganglioside activator, GM2A,

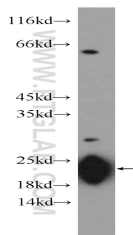
SAP 3



Immunohistochemical of paraffin-embedded human colon cancer using 10864-2-AP(GM2A antibody) at dilution of 1:100 (under 10x lens)



IP Result of anti-GM2A (IP:10864-2-AP, 3µg; Detection:10864-2-AP 1:600) with HEK-293 cells lysate 2800µg.



rat kidney tissue were subjected to SDS PAGE followed by western blot with 10864-2-AP(GM2A Antibody) at dilution of 1:300

Background

GM2A, also named as GM2-AP and SAP-3, is the large binding pocket which can accommodate several single chain phospholipids and fatty acids. GM2A also exhibits some calcium-independent phospholipase activity. It plays a key role in the degradation of ganglioside GM2 (GM2). GM2A stimulates only the breakdown of ganglioside GM2 and glycolipid GA2 by beta-hexosaminidase A.

Applications

Tested applications:	ELISA, IHC, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated GM2A MW:	22 kDa
Observed GM2A MW:	22 kDa
Positive WB detected in	Rat kidney tissue, human placenta tissue, mouse kidney tissue
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:200-1:1000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1295
GenBank accession number:	BC009273
Gene ID (NCBI):	2760
Full name:	GM2 ganglioside activator

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.