

Product datasheet for **TA369624**

GM2A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human 2-3 grade bladder transitional cell carcinoma tissue, Mouse kidney tissue, Hela cell, 293T cell, A375 cell IHC: 20-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GM2A
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	21 kDa
Gene Name:	GM2 ganglioside activator
Database Link:	Entrez Gene 2760 Human P17900



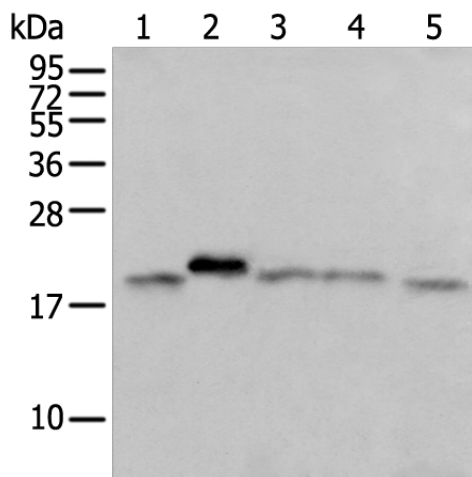
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Background:

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.

Synonyms:

GM2-AP; SAP-3

Product images:


Gel: 12%SDS-PAGE

Lysate: 40 µg

Lane 1-5: Human 2-3 grade bladder transitional cell carcinoma tissue

Mouse kidney tissue

Hela cell

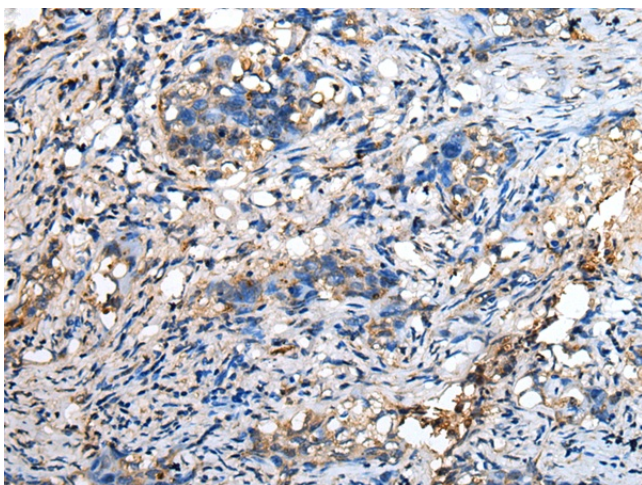
293T cell

A375 cell

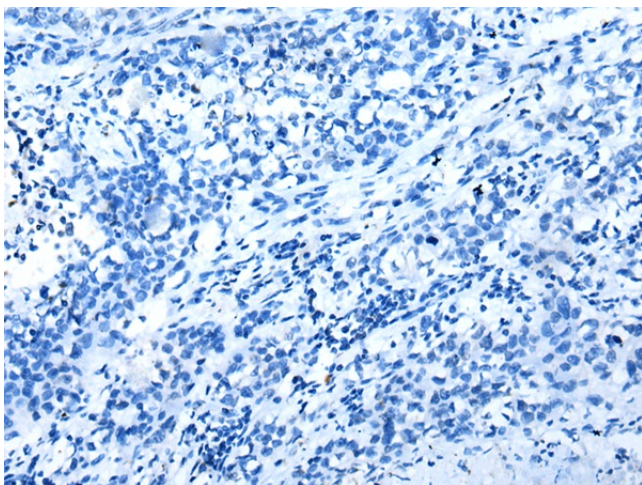
Primary antibody: TA369624 (GM2A Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 seconds



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA369624 (GM2A Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA369624 (GM2A Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)