

## Product datasheet for **TA369624S**

### GM2A Rabbit Polyclonal Antibody

#### Product data:

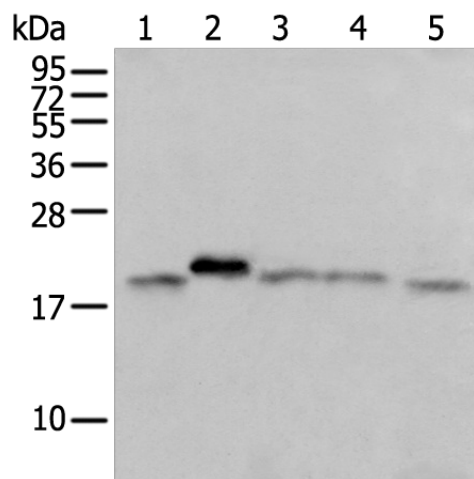
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human 2-3 grade bladder transitional cell carcinoma tissue, Mouse kidney tissue, Hela cell, 293T cell, A375 cell IHC: 20-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GM2A
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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:	<a href="#">Entrez Gene 2760 Human P17900</a>
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.



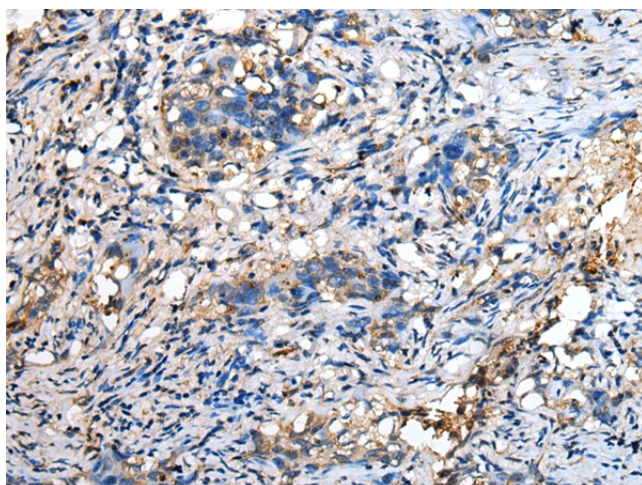
[View online »](#)

Synonyms: GM2-AP; SAP-3

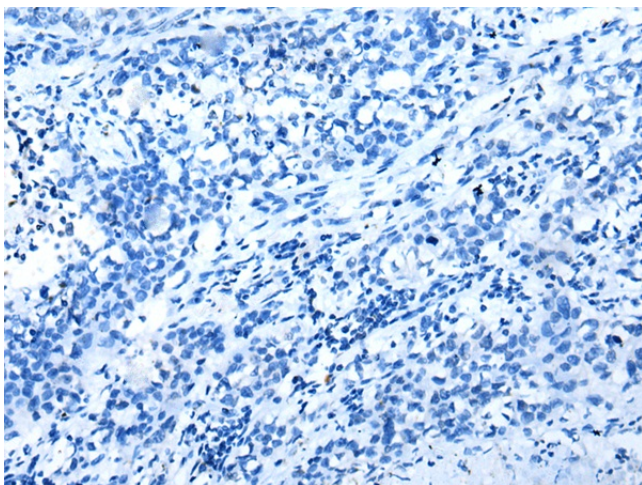
**Product images:**



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: ×200)