GM2A RABBIT PAB

Cat.#: S218166

Product Name: Anti-GM2A Rabbit Polyclonal Antibody

Synonyms: SAP-3; GM2-AP

UNIPROT ID: P17900 (Gene Accession - BC009273)

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.

Immunogen: Fusion protein of human GM2A

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

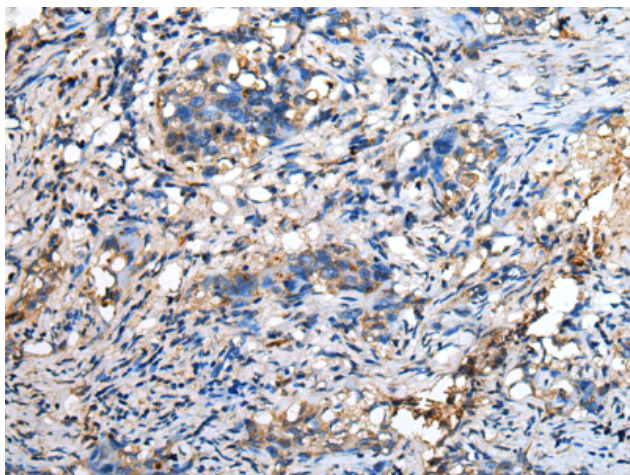**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

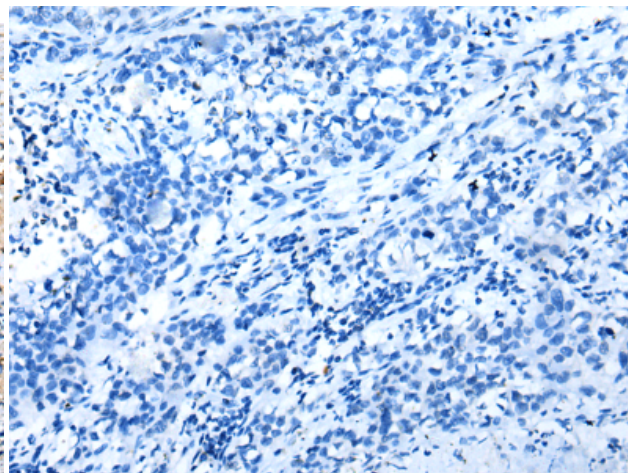**Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
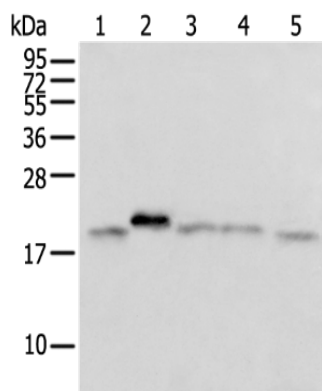
Research Areas: Metabolism

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 218166(GM2A Antibody) at a dilution of 1/25(Cytoplasm).

In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 218166(Anti-GM2A Antibody) at dilution 1/25.

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: 218166(GM2A Antibody) at dilution 1/250;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 2 seconds