

## ASAH2 RABBIT PAB

**Cat.#:** S217168

**Product Name:** Anti-ASAH2 Rabbit Polyclonal Antibody

**Synonyms:** HNAC1; BCDase; LCDase; NCDase; N-CDase

**UNIPROT ID:** Q9NR71 (Gene Accession - BC107105 )

**Background:** Ceramidases (EC 3.5.1.23), such as ASAH2, catalyze hydrolysis of the N-acyl linkage of ceramide, a second messenger in a variety of cellular events, to produce sphingosine. Sphingosine exerts both mitogenic and apoptosis-inducing activities, and its phosphorylated form functions as an intra- and intercellular second messenger.

**Immunogen:** Fusion protein of human ASAH2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

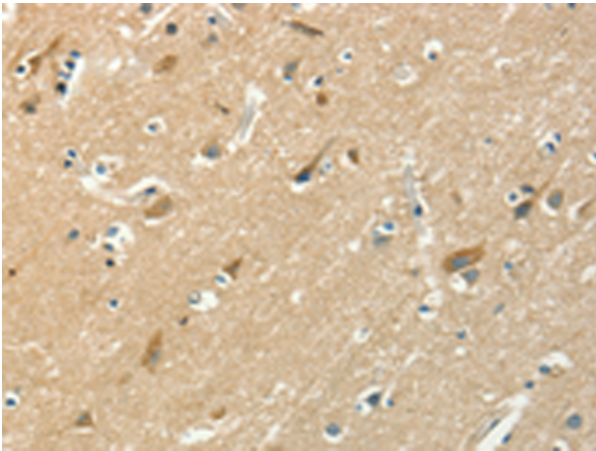
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

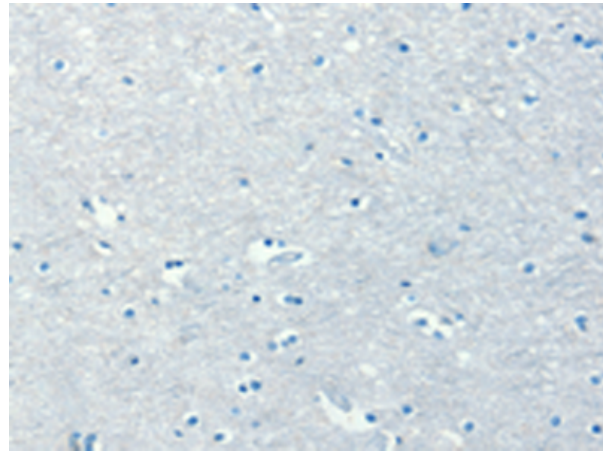
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

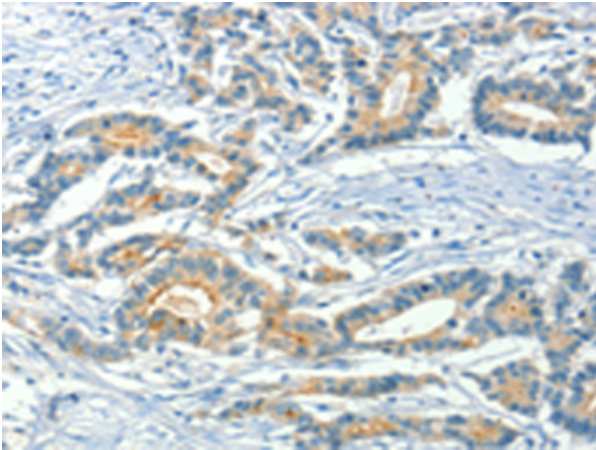
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



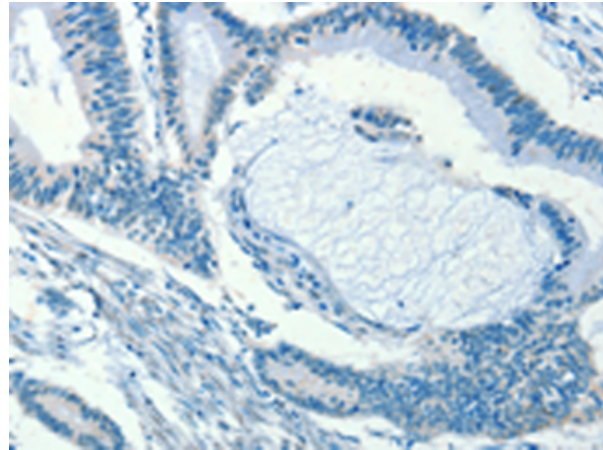
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 217168(ASA2 Antibody) at a dilution of 1/50(Cytoplasm).



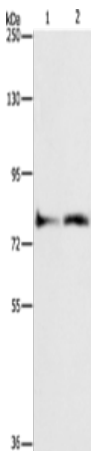
In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 217168(Anti-ASA2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 217168(Anti-ASA2 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with fusion protein and then with D221910(Anti-ASA2 Antibody) at dilution 1/50.



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
Lane 1-2: Lovo cells, mouse heart tissue;  
Primary antibody: 217168(ASA2 Antibody) at dilution 1/270;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 40 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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