

## LSAMP RABBIT PAB

**Cat.#:** S218159

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

**Synonyms:** LAMP; IGLON3

**UNIPROT ID:** Q13449 (Gene Accession - BC033803 )

**Background:** This gene encodes a member of the immunoglobulin LAMP, OBCAM and neurotrimin (IGLON) family of proteins. The encoded preproprotein is proteolytically processed to generate a neuronal surface glycoprotein. This protein may act as a selective homophilic adhesion molecule during axon guidance and neuronal growth in the developing limbic system. The encoded protein may also function as a tumor suppressor and may play a role in neuropsychiatric disorders. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.

**Immunogen:** Fusion protein of human LSAMP

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

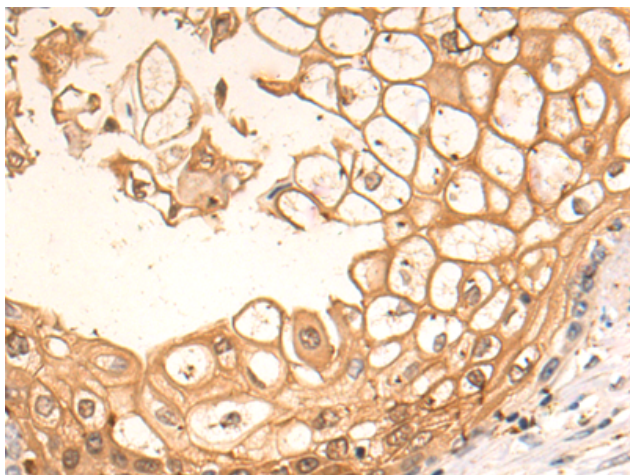
**Purification:** Antigen affinity purification

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

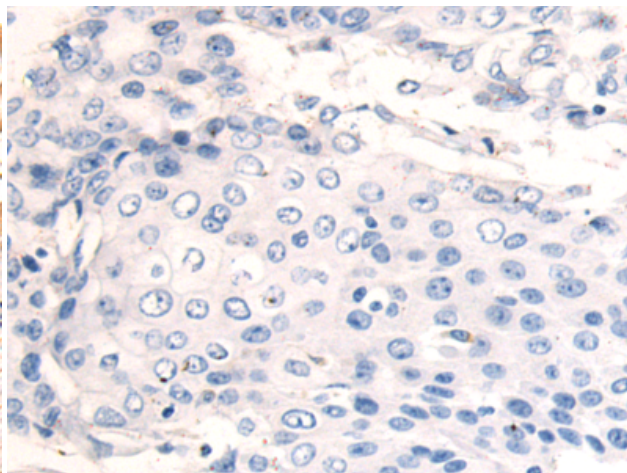
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

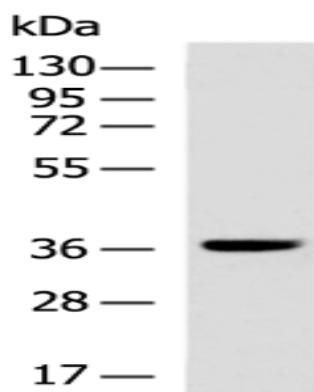
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 218159(LSAMP Antibody) at a dilution of 1/70(Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 218159(Anti-LSAMP Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: A549 cell lysate;  
Primary antibody: 218159(LSAMP Antibody) at dilution 1/800;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 20 seconds