

RAB29 RABBIT PAB

Cat.#: S218833

Product Name: Anti-RAB29 Rabbit Polyclonal Antibody

Synonyms: RAB7L; RAB7L1

UNIPROT ID: O14966 (Gene Accession - BC002585)

Background: The small GTPases Rab are key regulators in vesicle trafficking (PubMed:24788816). Essential for maintaining the integrity of the endosome-trans-Golgi network structure (By similarity). Together with LRRK2, plays a role in the retrograde trafficking pathway for recycling proteins, such as mannose 6 phosphate receptor (M6PR), between lysosomes and the Golgi apparatus in a retromer-dependent manner (PubMed:24788816). Recruits LRRK2 to the Golgi complex and stimulates LRRK2 kinase activity (PubMed:29212815). Regulates neuronal process morphology in the intact central nervous system (CNS) (By similarity). May play a role in the formation of typhoid toxin transport intermediates during Salmonella enterica serovar Typhi (S.Typhi) epithelial cell infection (PubMed:22042847).

Immunogen: Fusion protein of human RAB29

Applications: ELISA, IHC

Recommended Dilutions: IHC: 150-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

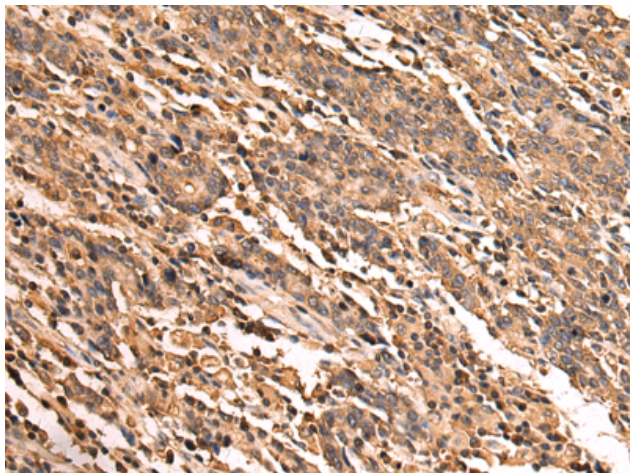
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

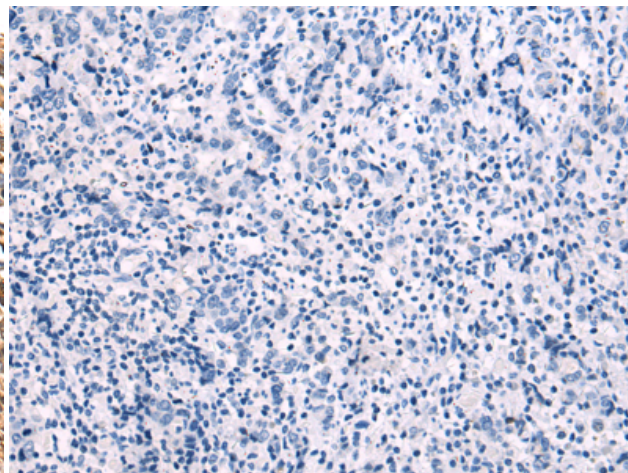
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

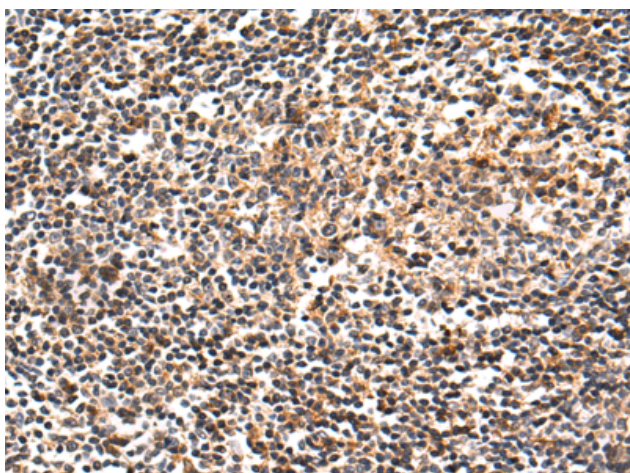
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



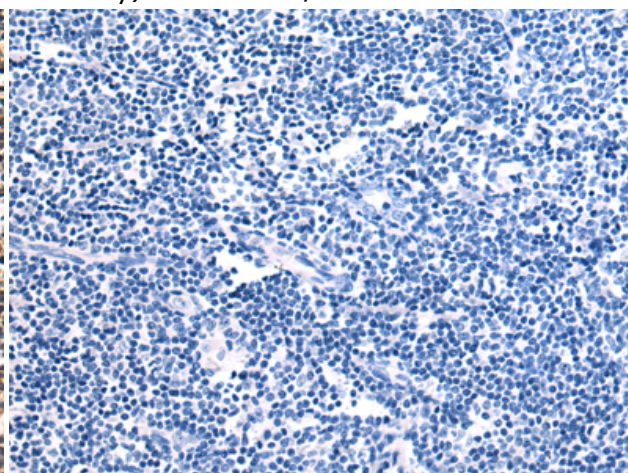
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 218833(RAB29 Antibody) at a dilution of 1/120(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 218833(Anti-RAB29 Antibody) at dilution 1/120.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 218833(Anti-RAB29 Antibody) at a dilution of 1/120.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D225310(Anti-RAB29 Antibody) at dilution 1/120.