

NGEF RABBIT PAB

Cat.#: S218909

Product Name: Anti-NGEF Rabbit Polyclonal Antibody

Synonyms: EPHEXIN; ARHGEF27

UNIPROT ID: Q8N5V2 (Gene Accession - BC031573)

Background: Acts as a guanine nucleotide exchange factor (GEF) which differentially activates the GTPases RHOA, RAC1 and CDC42. Plays a role in axon guidance regulating ephrin-induced growth cone collapse and dendritic spine morphogenesis. Upon activation by ephrin through EPHA4, the GEF activity switches toward RHOA resulting in its activation. Activated RHOA promotes cone retraction at the expense of RAC1- and CDC42-stimulated growth cone extension (By similarity).

Immunogen: Fusion protein of human NGEF

Applications: ELISA, IHC

Recommended Dilutions: IHC: 40-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

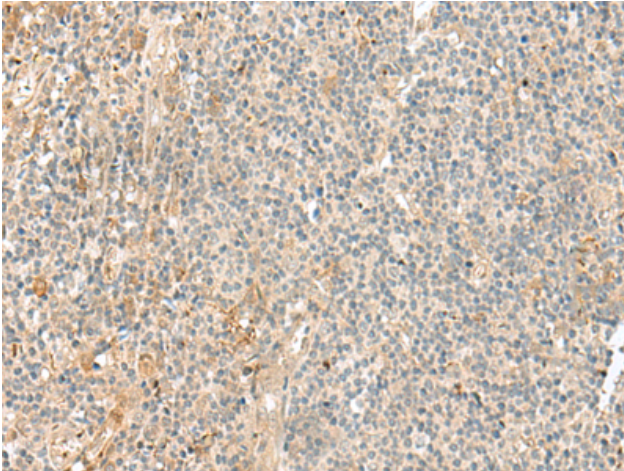
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

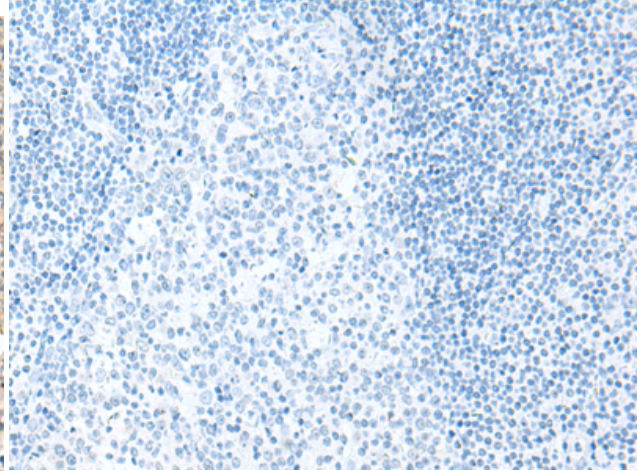
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Neuroscience

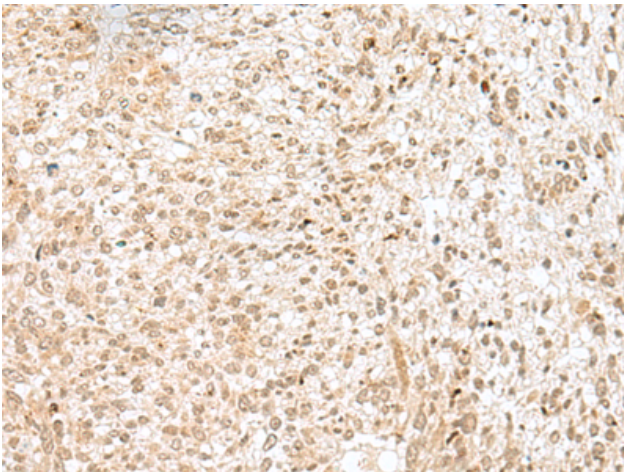
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



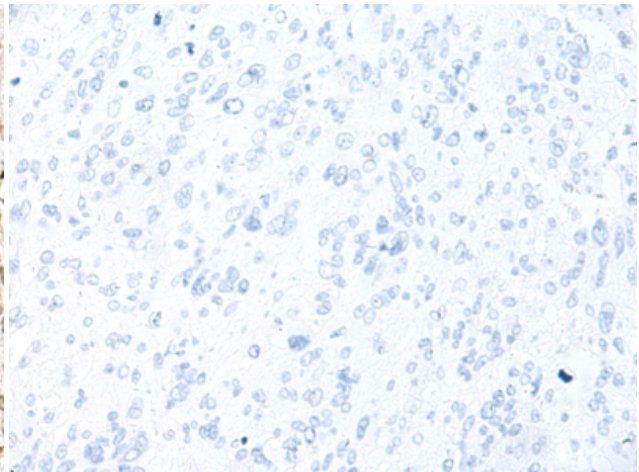
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218909(NGEF Antibody) at a dilution of 1/35(Cytoplasm or Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218909(Anti-NGEF Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 218909(Anti-NGEF Antibody) at a dilution of 1/35.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D225483(Anti-NGEF Antibody) at dilution 1/35.