

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ARHGEF9 RABBIT PAB

Cat.#: S217041

Product Name: Anti-ARHGEF9 Rabbit Polyclonal Antibody **Synonyms:** PEM2; EIEE8; PEM-2; HPEM-2; COLLYBISTIN **UNIPROT ID:** O43307 (Gene Accession - BC117406)

Background: The protein encoded by this gene is a Rho-like GTPase that switches between the active (GTP-bound) state and inactive (GDP-bound) state to regulate CDC42 and other genes. Defects in this gene are a cause of startle disease with epilepsy (STHEE), also known as hyperekplexia with epilepsy. Three

transcript variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human ARHGEF9

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 2000-10000

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

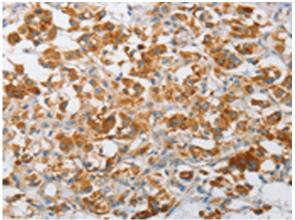
Research Areas: Signal Transduction

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

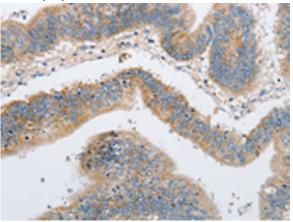


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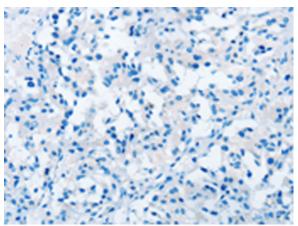
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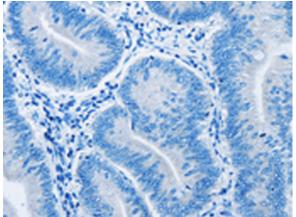
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217041(ARHGEF9 Antibody) at a dilution of 1/50(Cytoplasm).



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 217041(Anti-ARHGEF9 Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217041(Anti-ARHGEF9 Antibody) at dilution 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with fusion protein and then with D221693(Anti-ARHGEF9 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane 1-2: Mouse heart tissue, human fetal brain

Primary antibody: 217041(ARHGEF9 Antibody) at dilution 1/950;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 5 seconds



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