

FHIT RABBIT PAB

Cat.#: S216517

Product Name: Anti-FHIT Rabbit Polyclonal Antibody

Synonyms: FRA3B, AP3Aase

UNIPROT ID: P49789 (Gene Accession - BC032336)

Background: This gene, a member of the histidine triad gene family, encodes a diadenosine 5',5'-P₁,P₃-triphosphate hydrolase involved in purine metabolism. The gene encompasses the common fragile site FRA3B on chromosome 3, where carcinogen-induced damage can lead to translocations and aberrant transcripts of this gene. In fact, aberrant transcripts from this gene have been found in about half of all esophageal, stomach, and colon carcinomas. Alternatively spliced transcript variants have been found for this gene.

Immunogen: Fusion protein of human FHIT

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

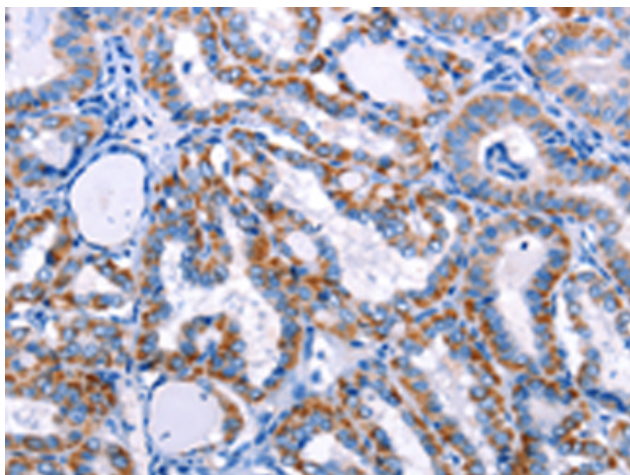
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

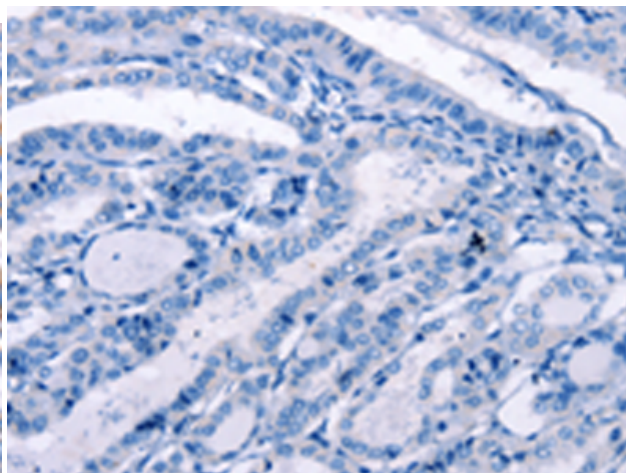
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

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



Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 216517(FHIT Antibody) at a dilution of 1/25(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 216517(Anti-FHIT Antibody) at dilution 1/25.



Gel: 8+12%SDS-PAGE, Lysate: 30 μ g;
 Lane: Human fetal kidney tissue;
 Primary antibody: 216517(FHIT Antibody) at dilution 1/350;
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
 Exposure time: 30 seconds