

FHIT RABBIT PAB

Cat.#: S217446

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, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

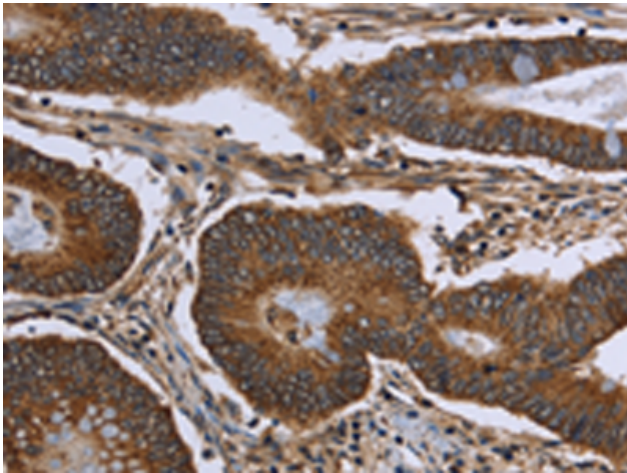
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

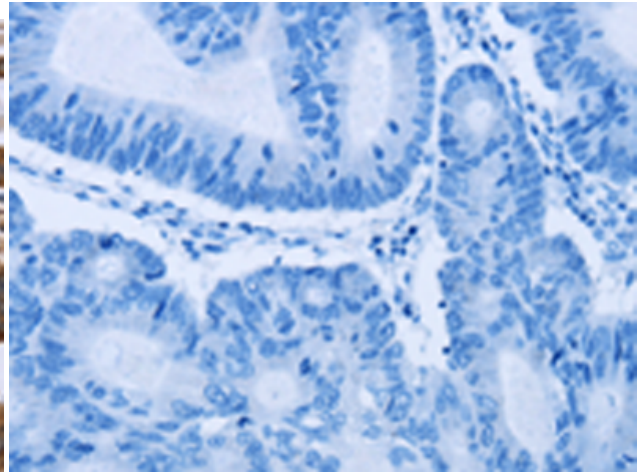
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

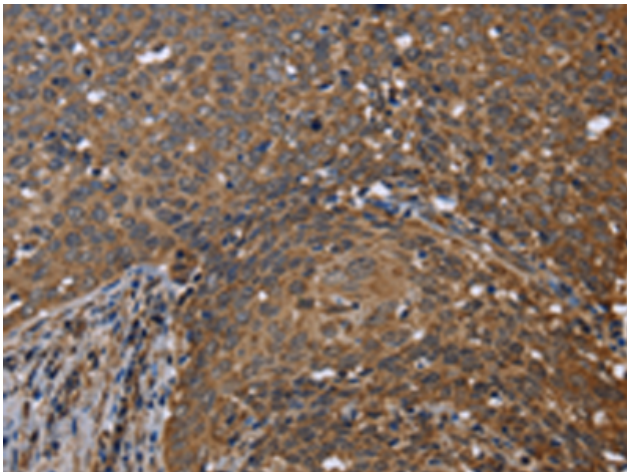
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



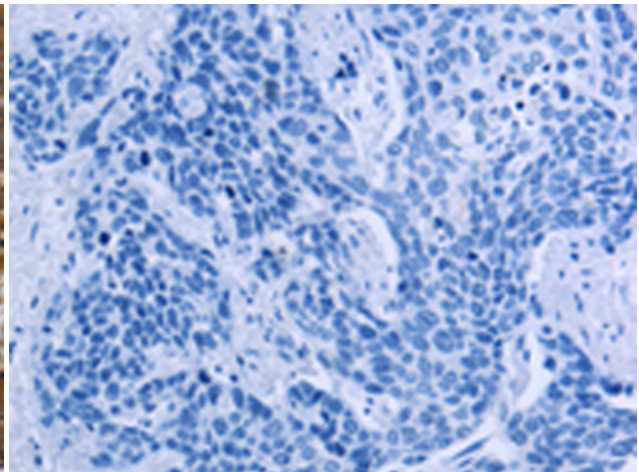
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 217446(FHIT Antibody) at a dilution of 1/30(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 217446(Anti-FHIT Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 217446(Anti-FHIT Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D222369(Anti-FHIT Antibody) at dilution 1/30.