

PPAT RABBIT PAB

Cat.#: S217482

Product Name: Anti-PPAT Rabbit Polyclonal Antibody

Synonyms: GPAT; PRAT; ATASE

UNIPROT ID: Q06203 (Gene Accession - BC004200)

Background: The protein encoded by this gene is a member of the purine/pyrimidine phosphoribosyltransferase family. It is a regulatory allosteric enzyme that catalyzes the first step of de novo purine nucleotide biosynthetic pathway. This gene and PAICS/AIRC gene, a bifunctional enzyme catalyzing steps six and seven of this pathway, are located in close proximity on chromosome 4, and divergently transcribed from an intergenic region.

Immunogen: Fusion protein of human PPAT

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-300;WB: 500-2000;ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

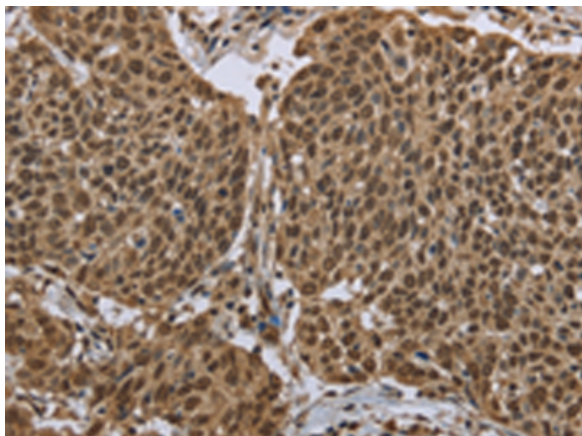
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

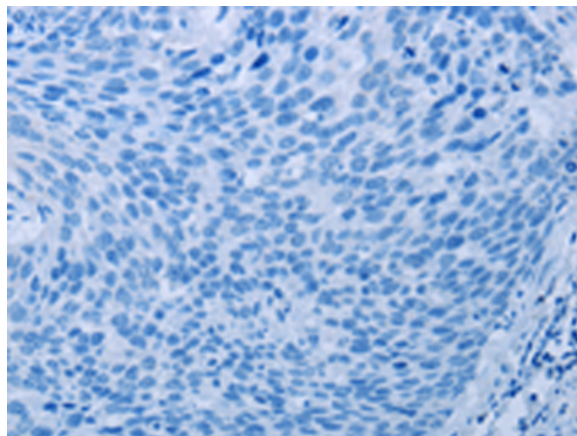
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Epigenetics and Nuclear Signaling

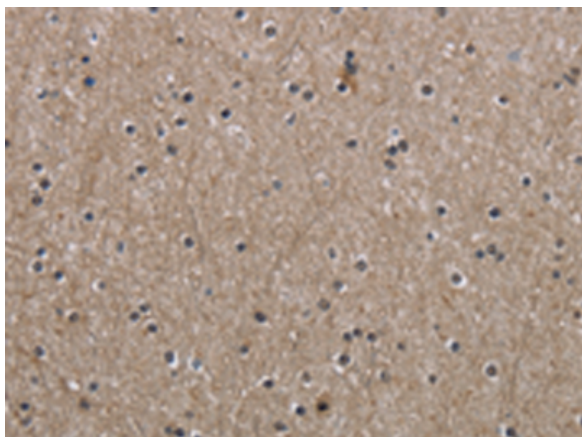
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



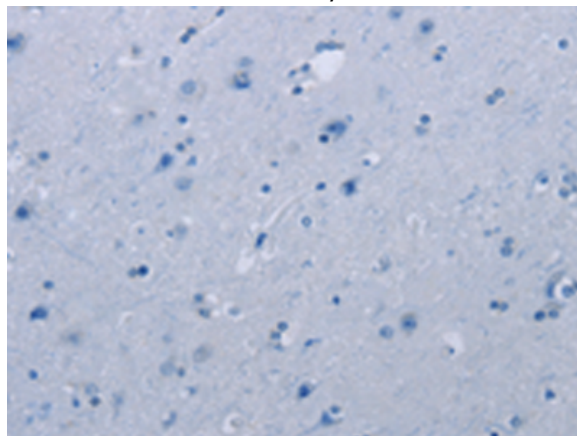
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 217482(PPAT Antibody) at a dilution of 1/50(Cytoplasm and Nucleus).



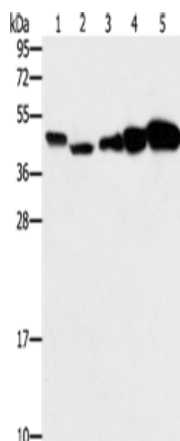
In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 217482(Anti-PPAT Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 217482(Anti-PPAT Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with fusion protein and then with D222426(Anti-PPAT Antibody) at dilution 1/50.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane 1-5: HeLa cells, Raji cells, Jurkat cells, A549 cells, NIH/3T3 cells;
Primary antibody: 217482(PPAT Antibody) at dilution 1/250;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 20 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
