

## 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

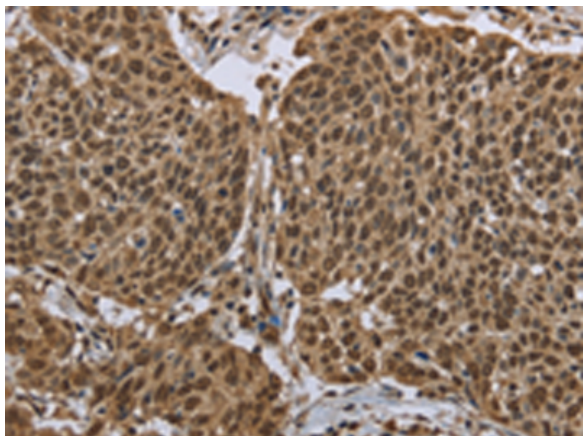
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

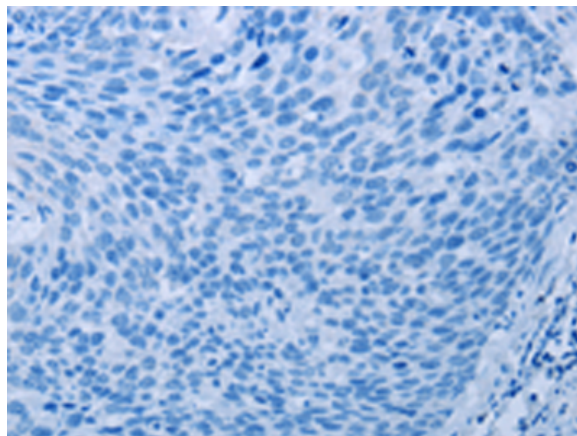
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Epigenetics and Nuclear Signaling

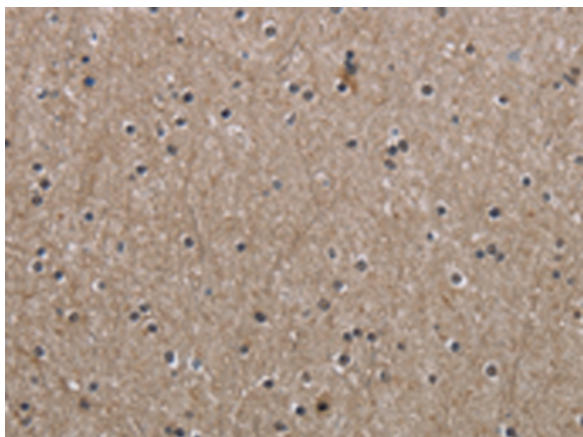
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



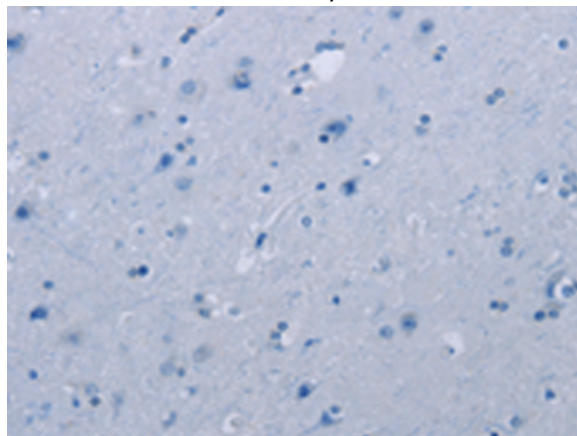
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 217482(PPAT Antibody) at a dilution of 1/50(Cytoplasm and Nucleus).



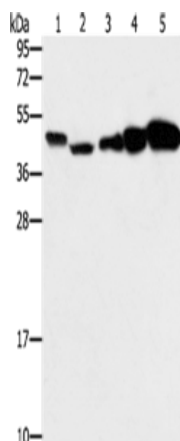
In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 217482(Anti-PPAT Antibody) at dilution 1/50.



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

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