

## ITPA RABBIT PAB

**Cat.#:** S217948

**Product Name:** Anti-ITPA Rabbit Polyclonal Antibody

**Synonyms:** My049; C20orf37; dJ794I6.3; HLC14-06-P

**UNIPROT ID:** Q9BY32 (Gene Accession - BC010138 )

**Background:** This gene encodes an inosine triphosphate pyrophosphohydrolase. The encoded protein hydrolyzes inosine triphosphate and deoxyinosine triphosphate to the monophosphate nucleotide and diphosphate. This protein, which is a member of the HAMI NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can result in inosine triphosphate pyrophosphorylase deficiency which causes an accumulation of ITP in red blood cells. Alternate splicing results in multiple transcript variants.

**Immunogen:** Full length fusion protein

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: Oct-50;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

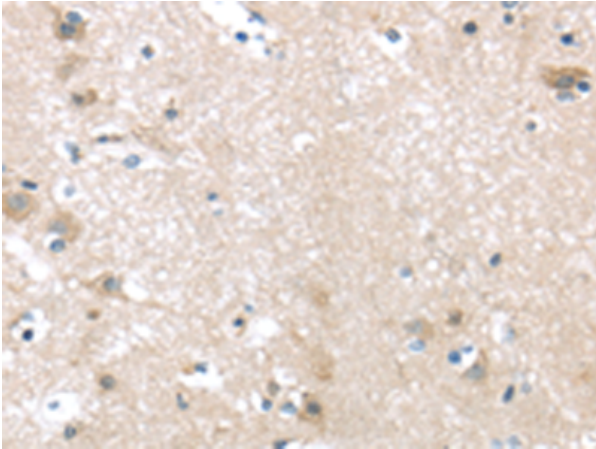
**Purification:** Antigen affinity purification

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

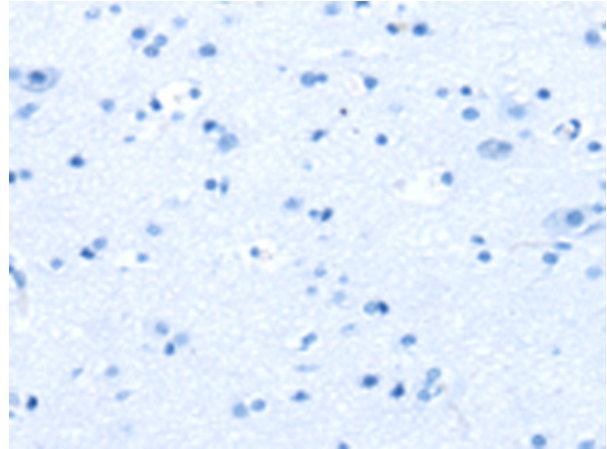
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

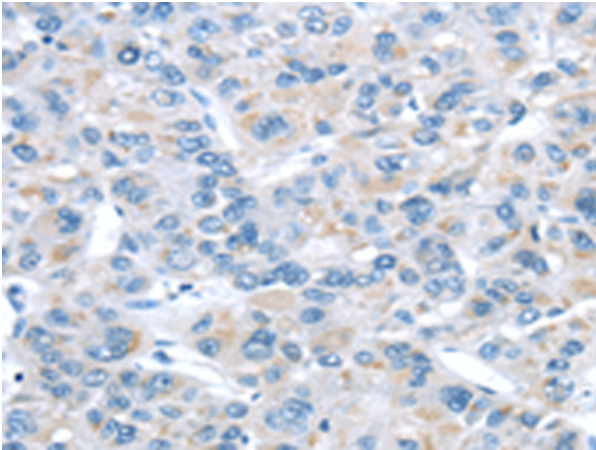
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



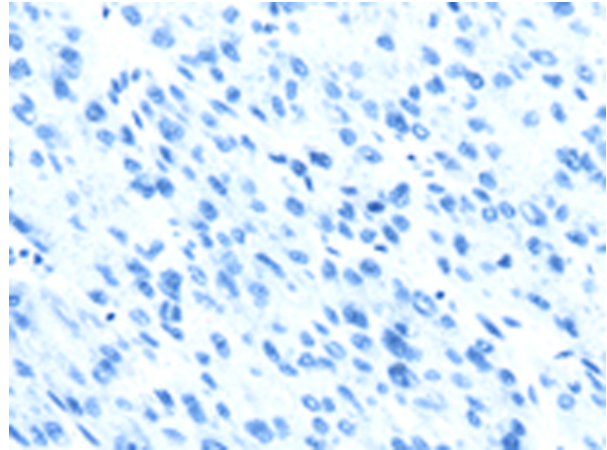
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 217948 (ITPA Antibody) at a dilution of 1/30 (Cytoplasm).



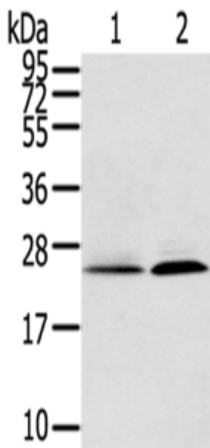
In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 217948 (Anti-ITPA Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217948 (Anti-ITPA Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D223420 (Anti-ITPA Antibody) at dilution 1/30.



Gel: 12% SDS-PAGE, Lysate: 40 µg;  
 Lane 1-2: Human fetal liver tissue, Hela cells;  
 Primary antibody: 217948 (ITPA Antibody) at dilution 1/200;  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
 Exposure time: 2 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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