

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## ATIC RABBIT PAB

Cat.#: S211725

**Product Name:** Anti-ATIC Rabbit Polyclonal Antibody **Synonyms:** PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p **UNIPROT ID:** P31939 (Gene Accession - BC008879)

Background: This gene encodes a bifunctional protein that catalyzes the last two steps of the de

novo purine biosynthetic pathway. The N-terminal domain has

phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria.

Immunogen: Fusion protein of human ATIC

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;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 Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

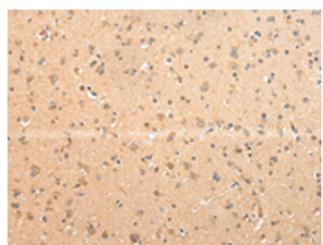
Research Areas: Metabolism, Epigenetics and Nuclear Signaling

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

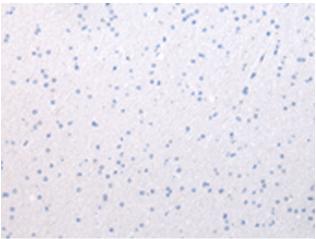


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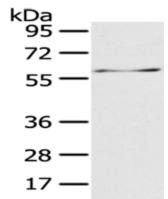
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Immunohistochemistry analysis of paraffin embedded Human brain tissue using 211725(ATIC Antibody) at a dilution of 1/25(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 211725(Anti-ATIC Antibody) at dilution 1/25.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: 231 cell;

Primary antibody: 211725(ATIC Antibody) at

dilution 1/350;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 20 seconds