

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ASS1 RABBIT PAB

Cat.#: S218336

Product Name: Anti-ASS1 Rabbit Polyclonal Antibody

Synonyms: ASS; CTLN1

UNIPROT ID: P00966 (Gene Accession - BC021676)

Background: The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene.

Immunogen: Fusion protein of human ASS1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 5000-10000

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

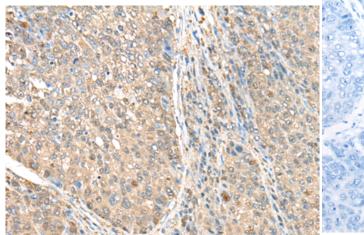
Research Areas: Metabolism

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

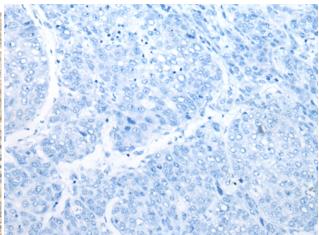


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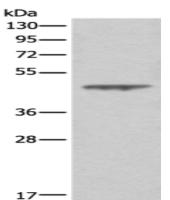
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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218336(ASSI Antibody) at a dilution of 1/35(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218336(Anti-ASS1 Antibody) at dilution 1/35.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: A431 cell lysate; Primary antibody: 218336(ASS1 Antibody) at dilution 1/350; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 10 seconds