

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ASL RABBIT PAB

Cat.#: S217032

Product Name: Anti-ASL Rabbit Polyclonal Antibody

Synonyms: ASAL

UNIPROT ID: P04424 (Gene Accession - BC008195)

Background: This gene encodes a member of the lyase 1 family. The encoded protein forms a

cytosolic homotetramer and primarily catalyzes the reversible hydrolytic cleavage of

argininosuccinate into arginine and fumarate, an essential step in the liver in detoxifying ammonia

via the urea cycle. Mutations in this gene result in the autosomal recessive disorder

argininosuccinic aciduria, or argininosuccinic acid lyase deficiency. A nontranscribed pseudogene

is also located on the long arm of chromosome 22. Alternatively spliced transcript variants

encoding different isoforms have been described.

Immunogen: Fusion protein of human ASL

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

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

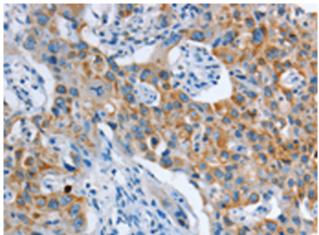
Research Areas: Metabolism

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

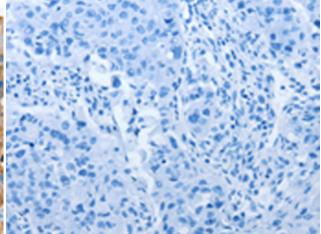


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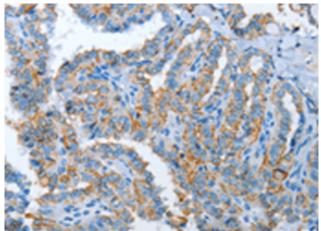
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Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 217032(ASL Antibody) at a dilution of 1/35(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 217032(Anti-ASL Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffinembedded Human thyroid cancer tissue using 217032(Anti-ASL Antibody) at a dilution of 1/35.

