

ASPSCR1 RABBIT PAB

Cat.#: S219503

Product Name: Anti-ASPSCR1 Rabbit Polyclonal Antibody

Synonyms: TUG; ASPL; ASP5; RCC17; UBXD9; UBXN9; ASPCR1

UNIPROT ID: Q9BZE9 (Gene Accession - BC018722)

Background: The protein encoded by this gene contains a UBX domain and interacts with glucose transporter type 4 (GLUT4). This protein is a tether, which sequesters the GLUT4 in intracellular vesicles in muscle and fat cells in the absence of insulin, and redistributes the GLUT4 to the plasma membrane within minutes of insulin stimulation. Translocation t(X;17)(p11;q25) of this gene with transcription factor TFE3 gene results in a ASPSCR1-TFE3 fusion protein in alveolar soft part sarcoma and in renal cell carcinomas. Multiple alternatively spliced transcript variants have been found.

Immunogen: Fusion protein of human ASPSCR1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

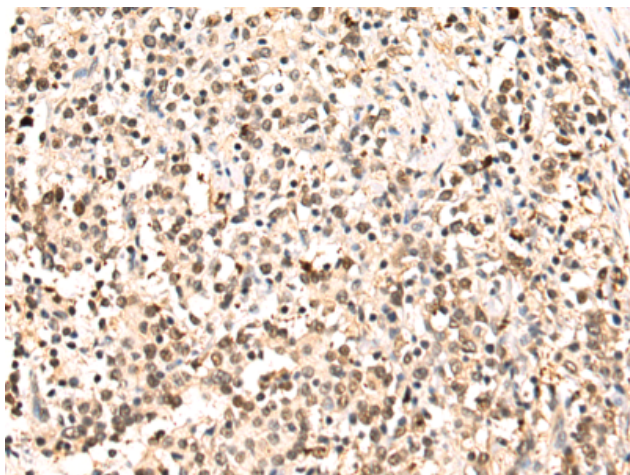
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

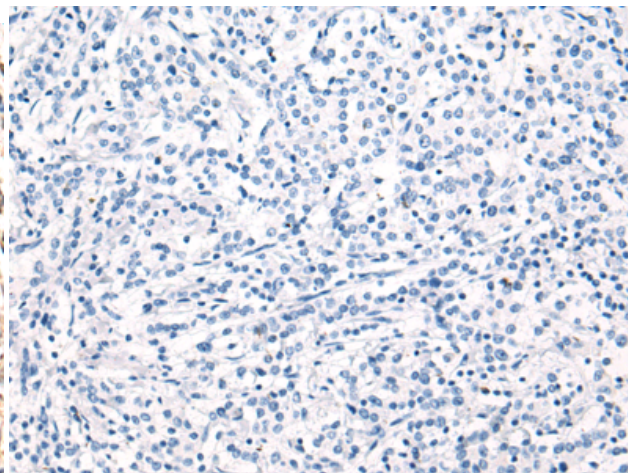
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Metabolism

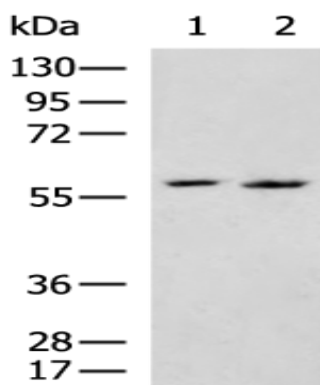
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 219503(ASPSCR1 Antibody) at a dilution of 1/80(Cytoplasm and Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 219503(Anti-ASPSCR1 Antibody) at dilution 1/80.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
 Lane 1-2: HeLa and 293T cell lysates;
 Primary antibody: 219503(ASPSCR1 Antibody) at dilution 1/600;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 1 minute