

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

MPC1 RABBIT PAB

Cat.#: S218076

Product Name: Anti-MPC1 Rabbit Polyclonal Antibody **Synonyms:** MPYCD; BRP44L; CGI-129; dJ68L15.3 **UNIPROT ID:** Q9Y5U8 (Gene Accession - BC000810)

Background: The protein encoded by this gene is part of an MPC1/MPC2 heterodimer that is responsible for

transporting pyruvate into mitochondria. The encoded protein is found in the inner mitochondrial

membrane. Defects in this gene are a cause of mitochondrial pyruvate carrier deficiency. Several transcript

variants, some protein coding and one non-protein coding, have been found for this gene.

Immunogen: Full length fusion protein

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;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

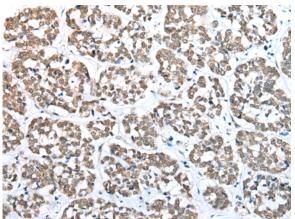
Research Areas: Cell Biology

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

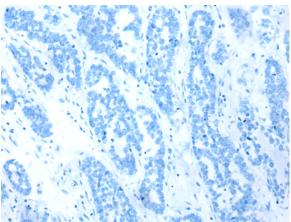


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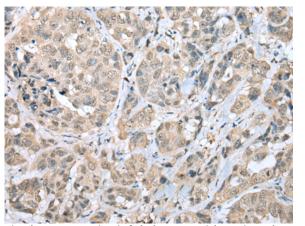
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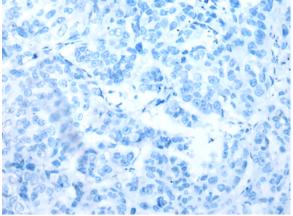
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 218076(MPC1 Antibody) at a dilution of 1/20(Cytoplasm and Nucleus).



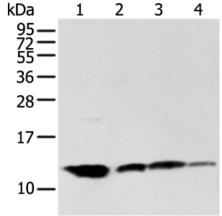
In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 218076(Anti-MPC1 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 218076 (Anti-MPC1 Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D223662(Anti-MPC1 Antibody) at dilution 1/20.



Gel: 12%SDS-PAGE, Lysate: 40 µg; Lane 1-4: Hela, A172 and K562 cell, Human fetal liver tissue;

Primary antibody: 218076 (MPC1 Antibody) at dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 20 seconds



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