

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

GPAT3 RABBIT PAB

Cat.#: S220686

Product Name: Anti-GPAT3 Rabbit Polyclonal Antibody

Synonyms: MAG1; AGPAT8; AGPAT9; AGPAT10; AGPAT 10; HMFN0839; LPAAT-theta

UNIPROT ID: Q53EU6 (Gene Accession - NP_001243350)

Background: This gene encodes a member of the lysophosphatidic acid acyltransferase protein family. The encoded protein is an enzyme which catalyzes the conversion of glycerol-3-phosphate to lysophosphatidic acid in the synthesis of triacylglycerol. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Immunogen: Synthetic peptide of human GPAT3

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;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

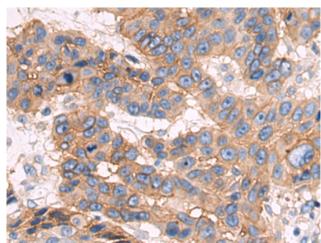
Research Areas: Signal Transduction

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

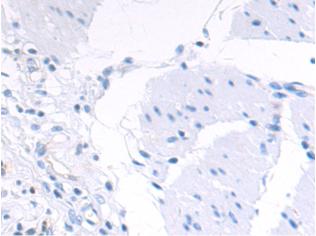


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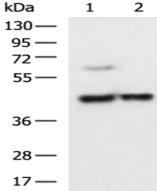
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Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 220686(GPAT3 Antibody) at a dilution of 1/50 (Cytoplasm and Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 220686(Anti-GPAT3 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-2: HepG2 and LO2 cell lysates;

Primary antibody: 220686(GPAT3 Antibody) at

dilution 1/550;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 30 seconds