

VDAC3 RABBIT PAB

Cat.#: S211745

Product Name: Anti-VDAC3 Rabbit Polyclonal Antibody

Synonyms: VDAC-3; HD-VDAC3

UNIPROT ID: Q9Y277 (Gene Accession - BC056870)

Background: This gene encodes a voltage-dependent anion channel (VDAC), and belongs to the mitochondrial porin family. VDACS are small, integral membrane proteins that traverse the outer mitochondrial membrane and conduct ATP and other small metabolites. They are known to bind several kinases of intermediary metabolism, thought to be involved in translocation of adenine nucleotides, and are hypothesized to form part of the mitochondrial permeability transition pore, which results in the release of cytochrome c at the onset of apoptotic cell death. Alternatively transcript variants encoding different isoforms have been described for this gene.

Immunogen: Fusion protein of human VDAC3

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

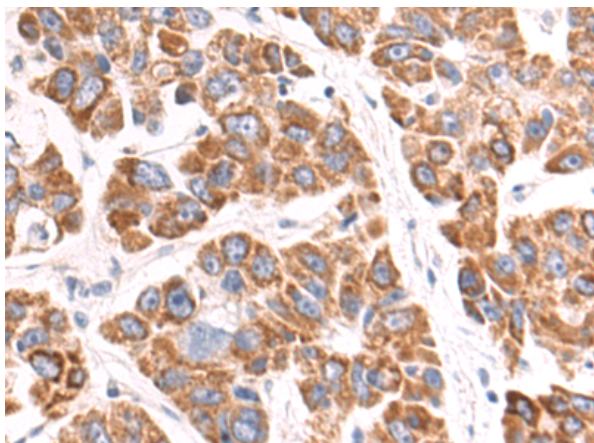
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

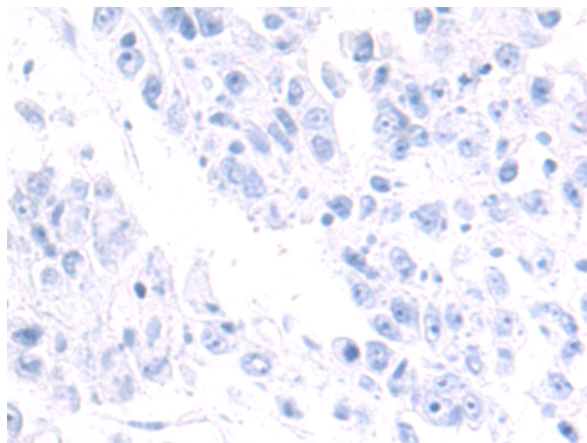
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer

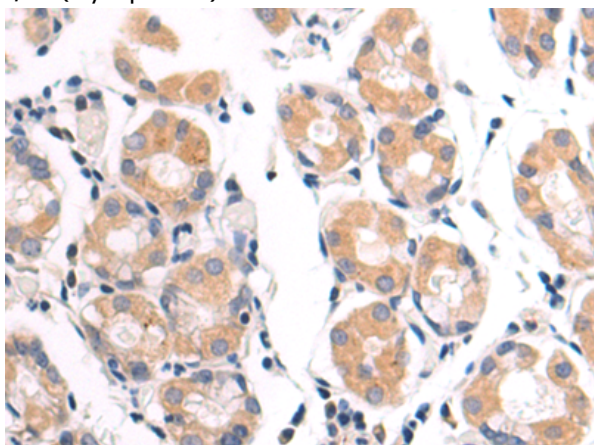
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



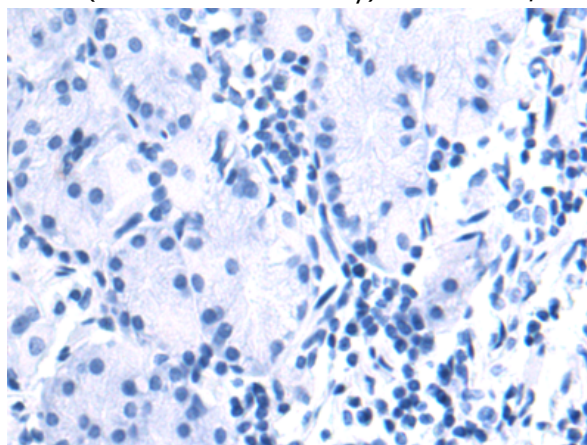
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 211745(VDAC3 Antibody) at a dilution of 1/55(Cytoplasm).



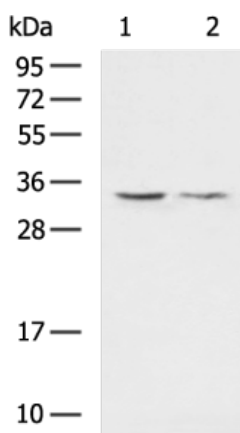
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 211745(Anti-VDAC3 Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 211745(Anti-VDAC3 Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with fusion protein and then with D123531(Anti-VDAC3 Antibody) at dilution 1/55.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
 Lane 1-2: TM4, LNCAP cell lysates;
 Primary antibody: 211745(VDAC3 Antibody) at dilution 1/800;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 10 seconds



Product Description

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