

## 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

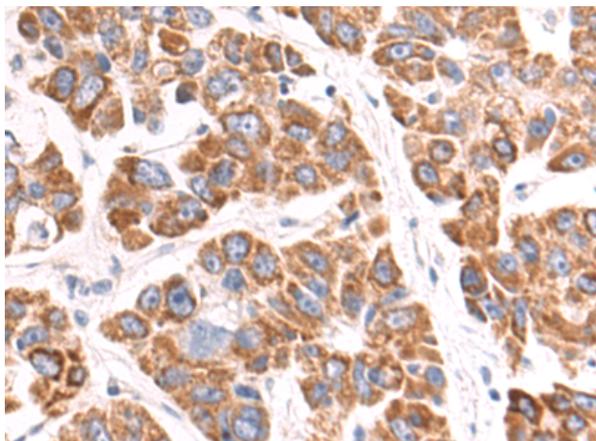
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

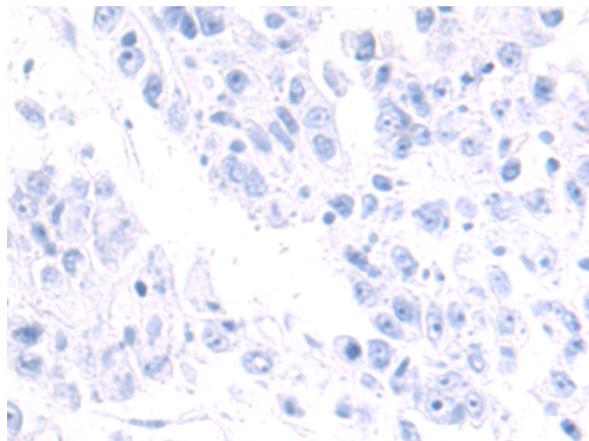
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cancer

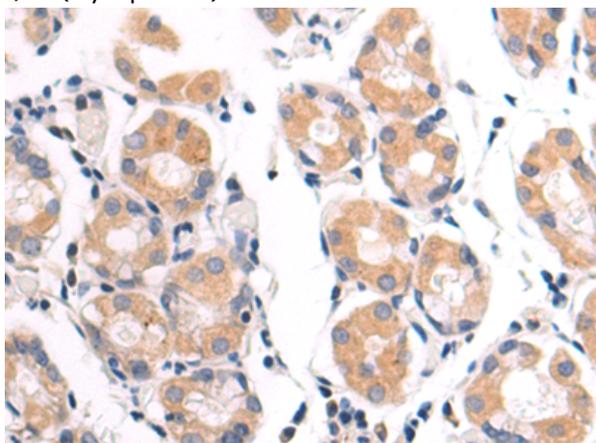
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



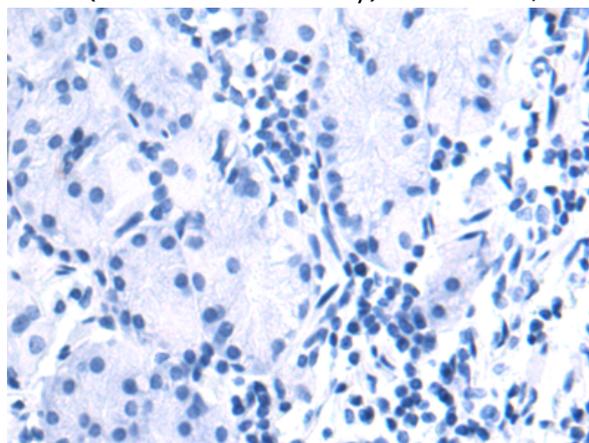
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 211745(VDAC3 Antibody) at a dilution of 1/55(Cytoplasm).



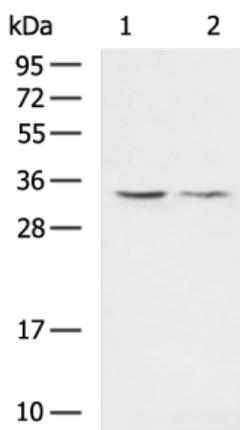
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 211745(Anti-VDAC3 Antibody) at dilution 1/55.



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

Pioneering GTPase and Oncogene Product Development since 2010

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