

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MFN1 RABBIT PAB**

Cat.#: S216644

Product Name: Anti-MFN1 Rabbit Polyclonal Antibody

**Synonyms:** hfzol; hfzo2

**UNIPROT ID:** Q8IWA4 (Gene Accession - BC040557)

**Background:** The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane

proteins that interact with each other to facilitate mitochondrial targeting.

Immunogen: Fusion protein of human MFN1

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

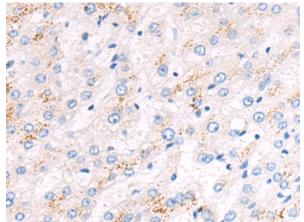
Research Areas: Signal Transduction, Metabolism, Neuroscience

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

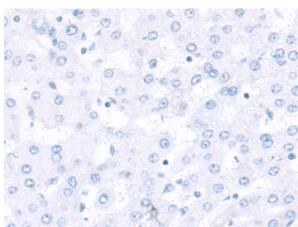


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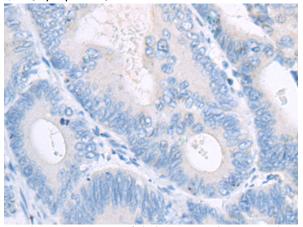
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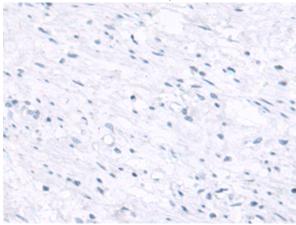
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 216644(MFN1 Antibody) at a dilution of 1/70(Cytoplasm).



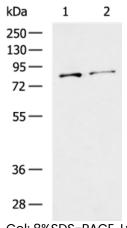
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 216644(Anti-MFN1 Antibody) at dilution 1/70.



paraffin-embedded Human colorectal cancer tissue using 216644(Anti-MFN1 Antibody) at a dilution of 1/70.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with fusion protein and then with D220976(Anti-MFN1 Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-2: A549 and Hela cell lysates; Primary antibody: 216644(MFN1 Antibody) at dilution 1/800; Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution; Exposure time: 90 seconds



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