

OGA RABBIT PAB

Cat.#: S216547

Product Name: Anti-OGA Rabbit Polyclonal Antibody

Synonyms: MEA5; MGEA5; NCOAT

UNIPROT ID: O60502 (Gene Accession - BC039583)

Background: The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications.

Immunogen: Fusion protein of human OGA

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

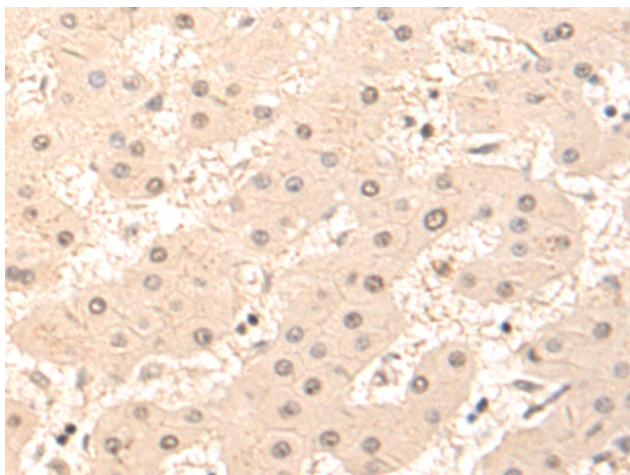
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

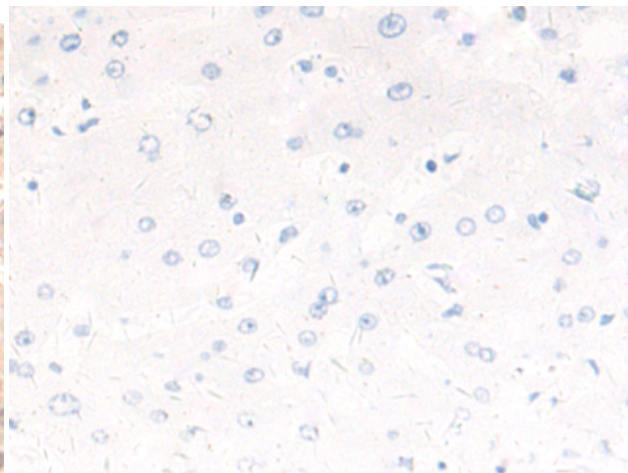
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer

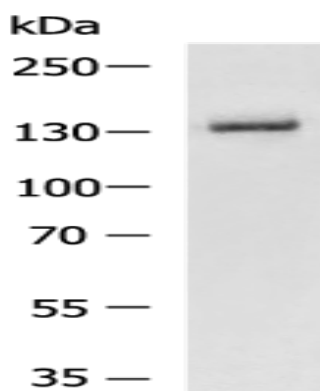
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 216547 (OGA Antibody) at a dilution of 1/80 (Cytoplasm and Nucleus).



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 216547 (Anti-OGA Antibody) at dilution 1/80.



Gel: 6% SDS-PAGE, Lysate: 40 μ g;
Lane: 293T cell lysate;
Primary antibody: 216547 (OGA Antibody) at dilution 1/1350;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 10 seconds