

HMGCL RABBIT PAB

Cat.#: S217506

Product Name: Anti-HMGCL Rabbit Polyclonal Antibody

Synonyms: HL

UNIPROT ID: P35914 (Gene Accession - BC010570)

Background: The protein encoded by this gene belongs to the HMG-CoA lyase family. It is a mitochondrial enzyme that catalyzes the final step of leucine degradation and plays a key role in ketone body formation. Mutations in this gene are associated with HMG-CoA lyase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human HMGCL

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

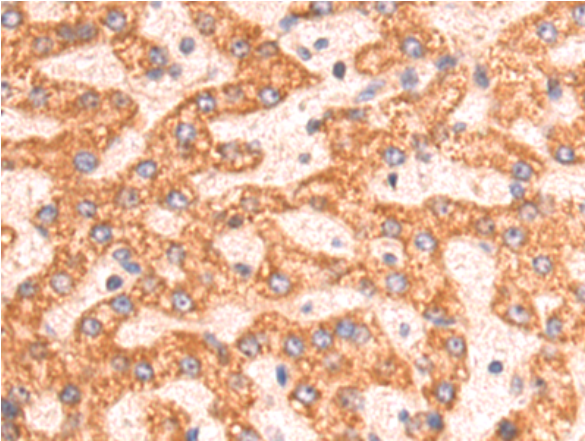
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

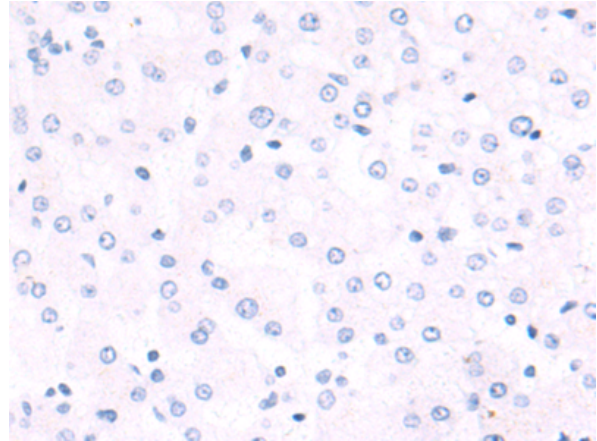
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer

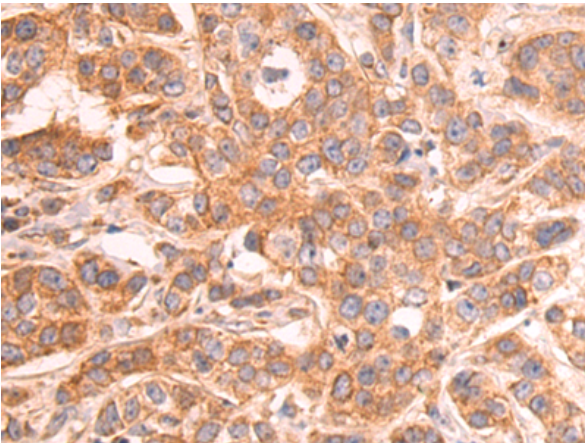
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



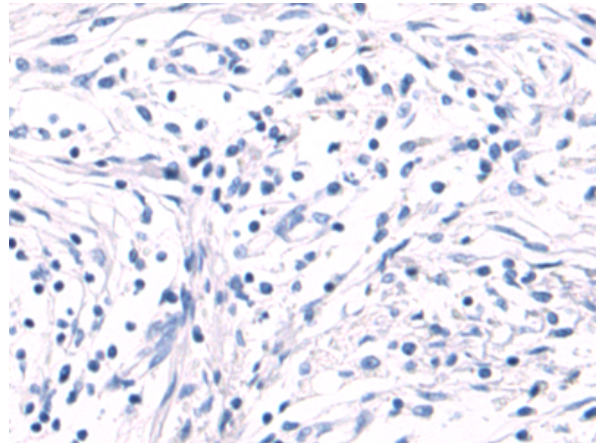
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217506(HMGCL Antibody) at a dilution of 1/75(Cytoplasm).



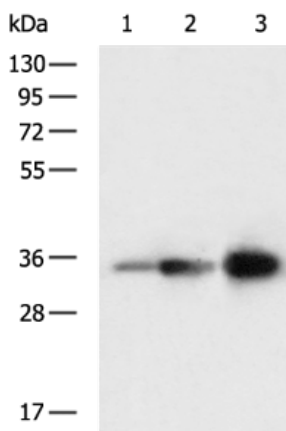
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217506(Anti-HMGCL Antibody) at dilution 1/75.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 217506(Anti-HMGCL Antibody) at a dilution of 1/75.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D222488(Anti-HMGCL Antibody) at dilution 1/75.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-3: Mouse brain tissue, Mouse fetal tissue, Mouse adrenal gland tissue lysates;
 Primary antibody: 217506(HMGCL Antibody) at dilution 1/1200;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 1 second



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
