

SESN3 RABBIT PAB

Cat.#: S217811

Product Name: Anti-SESN3 Rabbit Polyclonal Antibody

Synonyms: SEST3

UNIPROT ID: P58005 (Gene Accession - BC017296)

Background: This gene encodes a member of the sestrin family of stress-induced proteins. The encoded protein reduces the levels of intracellular reactive oxygen species induced by activated Ras downstream of RAC- α serine/threonine-protein kinase (Akt) and FoxO transcription factor. The protein is required for normal regulation of blood glucose, insulin resistance and plays a role in lipid storage in obesity. Alternative splicing results in multiple transcript variants.

Immunogen: Fusion protein of human SESN3

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-300;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

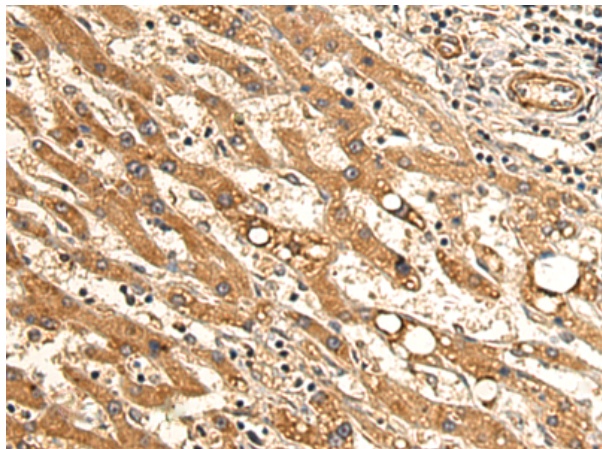
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

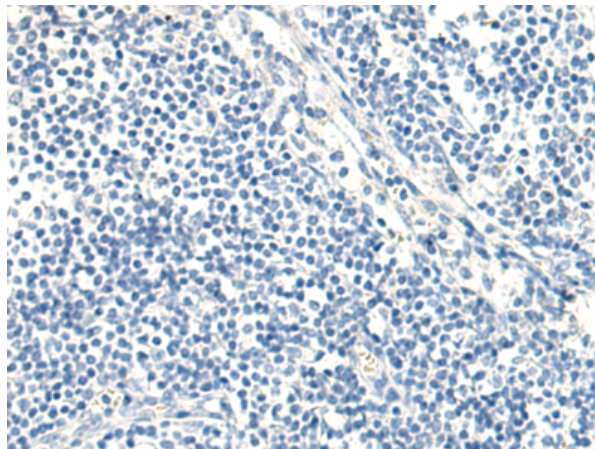
Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Metabolism, Cell Biology, Cardiovascular

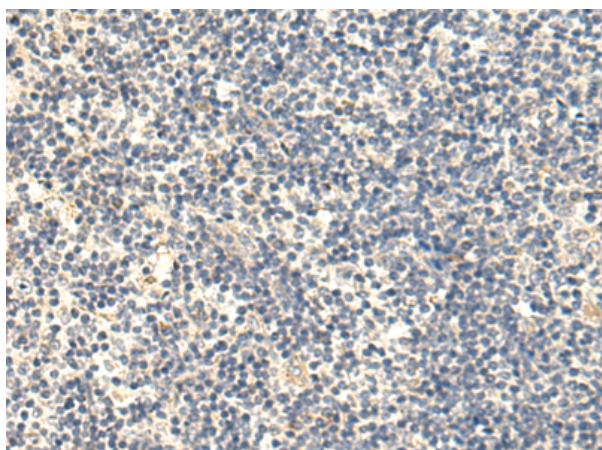
Storage & Shipping: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing



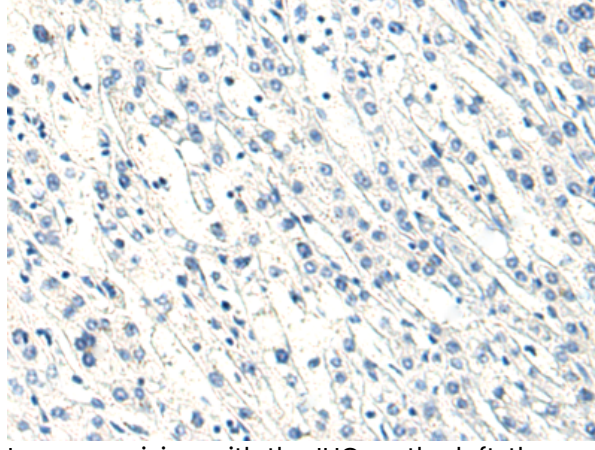
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217811(SESN3 Antibody) at a dilution of 1/110(Cytoplasm).



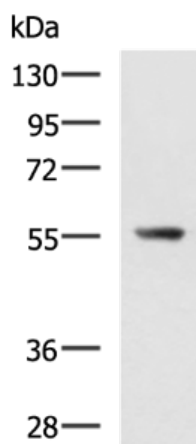
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217811(Anti-SESN3 Antibody) at dilution 1/110.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 217811(Anti-SESN3 Antibody) at a dilution of 1/110.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D223138(Anti-SESN3 Antibody) at dilution 1/110.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: Mouse heart tissue lysate;
Primary antibody: 217811(SESN3 Antibody) at dilution 1/800;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 30 seconds

