

## ACSBG2 RABBIT PAB

**Cat.#:** S216227

**Product Name:** Anti-ACSBG2 Rabbit Polyclonal Antibody

**Synonyms:** BGR, BRGL, PRTDNY3, PRTD-NY3

**UNIPROT ID:** Q5FVE4 (Gene Accession - BC022027 )

**Background:** Long-chain-fatty-acid-CoA ligase ACSBG2 is an enzyme that in humans is encoded by the ACSBG2 gene. Mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Able to activate long-chain fatty acids. Also able to activate very long-chain fatty acids, however, the relevance of such activity is unclear in vivo. Has increased ability to activate oleic and linoleic acid. May play a role in spermatogenesis.

**Immunogen:** Fusion protein of human ACSBG2

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-100; ELISA: 500-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

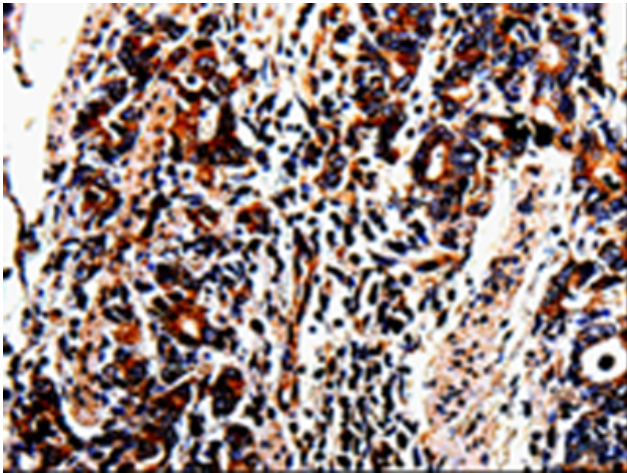
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

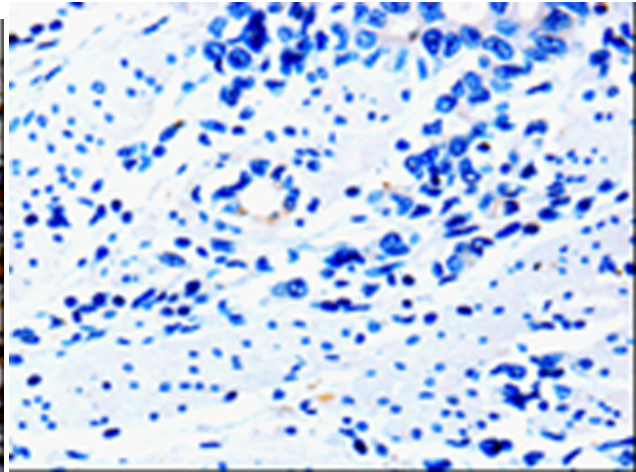
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

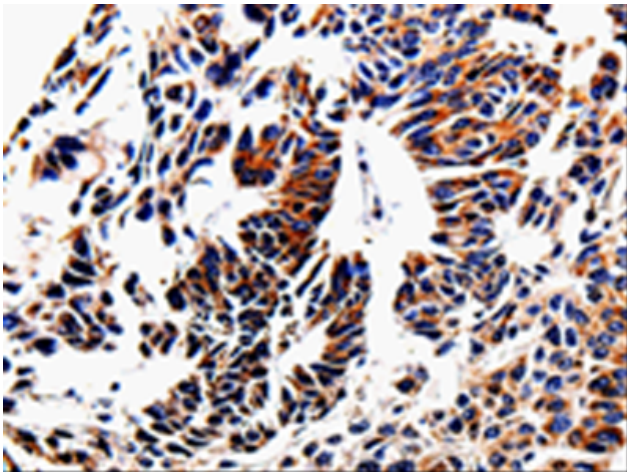
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



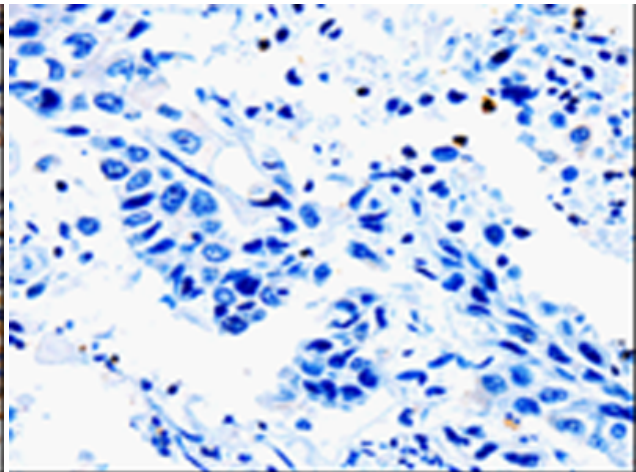
Immunohistochemistry analysis of paraffin embedded Human stomach cancer tissue using 216227 (ACSBG2 Antibody) at a dilution of 1/60 (Cytoplasm, Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human stomach cancer tissue is first treated with the fusion protein and then with 216227 (Anti-ACSBG2 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 216227 (Anti-ACSBG2 Antibody) at a dilution of 1/60.



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with fusion protein and then with D220031 (Anti-ACSBG2 Antibody) at dilution 1/60.