

IGFBP3 RABBIT PAB

Cat.#: S219860

Product Name: Anti-IGFBP3 Rabbit Polyclonal Antibody

Synonyms: IBP3; BP-53

UNIPROT ID: P17936 (Gene Accession - NP_000589)

Background: This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Immunogen: Synthetic peptide of human IGFBP3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

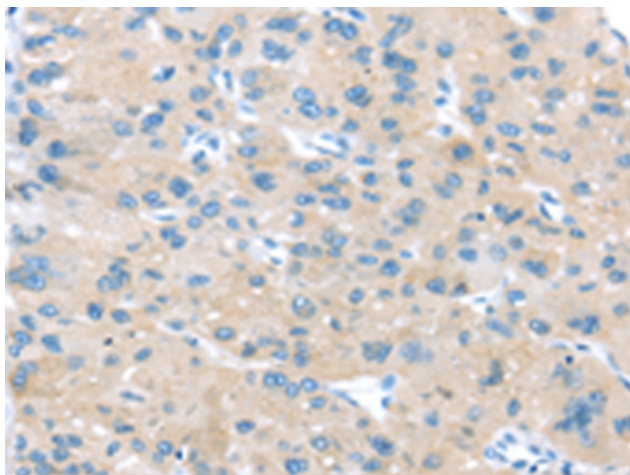
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

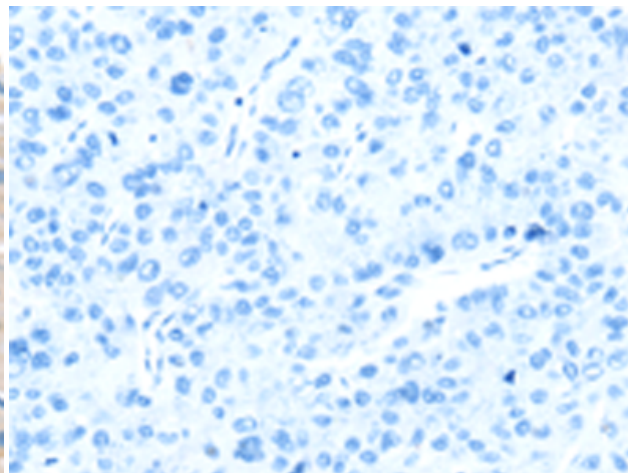
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Metabolism, Cardiovascular

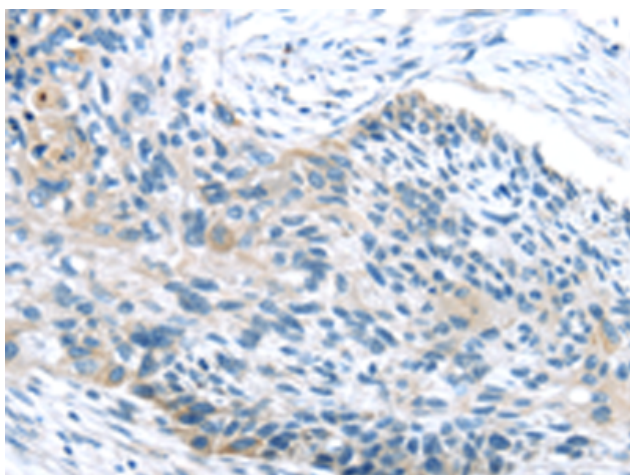
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



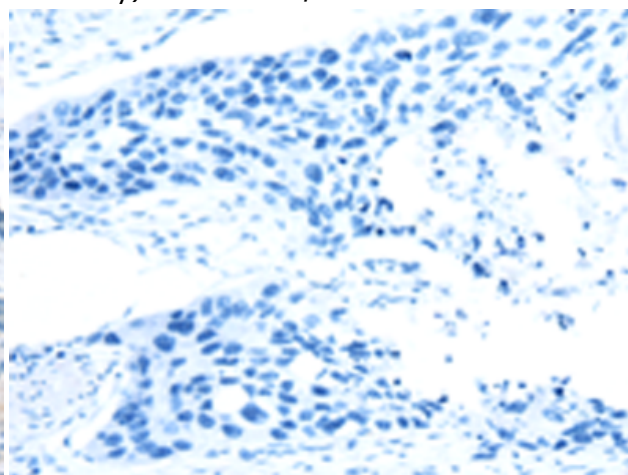
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219860 (IGFBP3 Antibody) at a dilution of 1/45 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 219860 (Anti-IGFBP3 Antibody) at dilution 1/45.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 219860 (Anti-IGFBP3 Antibody) at a dilution of 1/45.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D260507 (Anti-IGFBP3 Antibody) at dilution 1/45.