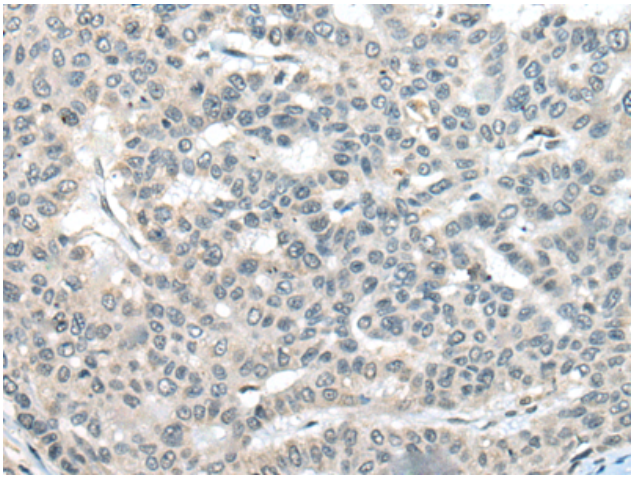
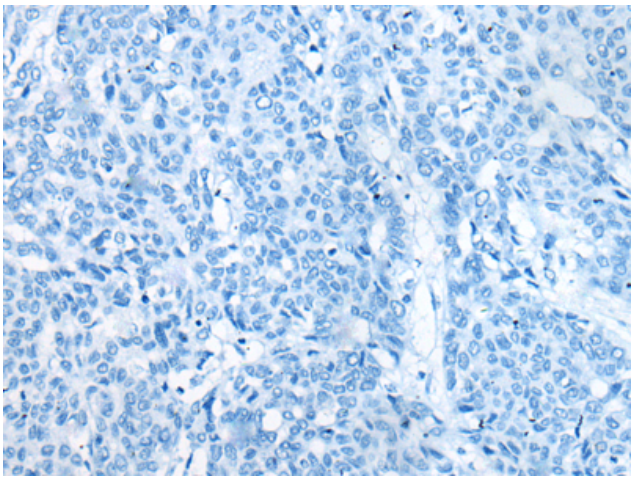
UCN3 RABBIT PAB

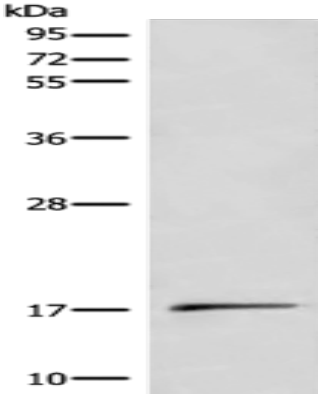
Cat.#: S221798
Product Name: Anti-UCN3 Rabbit Polyclonal Antibody
Synonyms: SCP; SPC; UCNIII
UNIPROT ID: Q969E3 (Gene Accession - NP_444277)
Background: This gene encodes a member of the sauvagine/corticotropin-releasing factor/urotensin I family of proteins. The encoded preproprotein is proteolytically processed to generate the mature peptide hormone, which is secreted by pancreatic beta and alpha cells. This hormone is an endogenous ligand for corticotropin-releasing factor receptor 2 and may regulate insulin secretion in response to plasma glucose levels. Patients with type 2 diabetes exhibit reduced levels of the encoded protein in beta cells. In the brain, the encoded protein may be responsible for the effects of stress on appetite.
Immunogen: Synthetic peptide of human UCN3
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction, Cancer, Cardiovascular, Metabolism, Neuroscience
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221798(UCN3 Antibody) at a dilution of 1/20(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221798(Anti-UCN3 Antibody) at dilution 1/20.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane: HT-29 cell lysate;
Primary antibody: 221798(UCN3 Antibody) at dilution 1/250;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 40 seconds