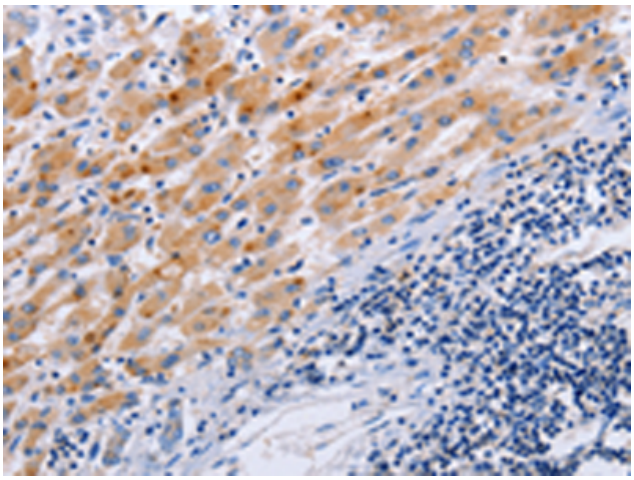
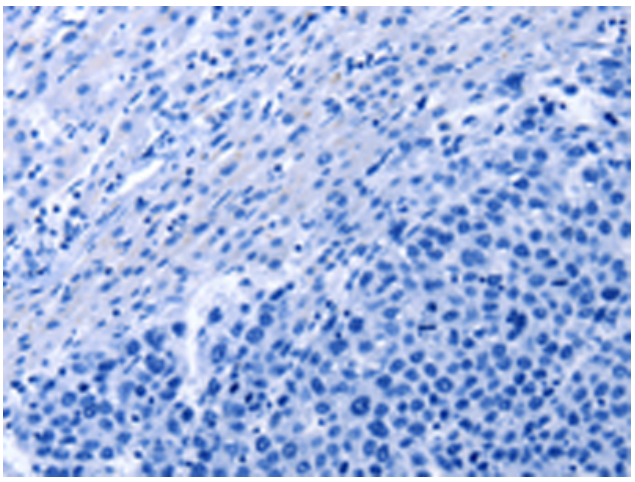
SLC9A3 RABBIT PAB

Cat.#: S219791
Product Name: Anti-SLC9A3 Rabbit Polyclonal Antibody
Synonyms: NHE3
UNIPROT ID: P48764 (Gene Accession - NP_004165)
Background: Sodium?hydrogen antiporter 3 also known as sodium?hydrogen exchanger 3 (NHE3) or solute carrier family 9 member 3 (SLC9A3) is a protein that in humans is encoded by the SLC9A3 gene. SLC9A3 is a sodium?hydrogen antiporter. It is found in the nephron of the kidney and in the apical membrane of enterocytes of the intestine. It is primarily responsible for maintaining the balance of sodium. Binds SLC9A3R1 and SLC9A3R2. Interacts with CHP1, CHP2 and SHANK2. Interacts with PDZD3 and interactions decrease in response to elevated calcium ion levels.
Immunogen: Synthetic peptide of human SLC9A3
Applications: ELISA, IHC
Recommended Dilutions: IHC: 25-100; ELISA: 1000-5000
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: Metabolism
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219791(SLC9A3 Antibody) at a dilution of 1/25(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 219791(Anti-SLC9A3 Antibody) at dilution 1/25.