

CHP1 RABBIT PAB

Cat.#: S222107

Product Name: Anti-CHP1 Rabbit Polyclonal Antibody

Synonyms: CHP; p22; p24; Sid470p; SLC9A1BP

UNIPROT ID: Q99653 (Gene Accession - NP_009167)

Background: This gene encodes a phosphoprotein that binds to the Na⁺/H⁺ exchanger NHE1. This protein serves as an essential cofactor which supports the physiological activity of NHE family members and may play a role in the mitogenic regulation of NHE1. The protein shares similarity with calcineurin B and calmodulin and it is also known to be an endogenous inhibitor of calcineurin activity.

Immunogen: Synthetic peptide of human CHP1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 40-200;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

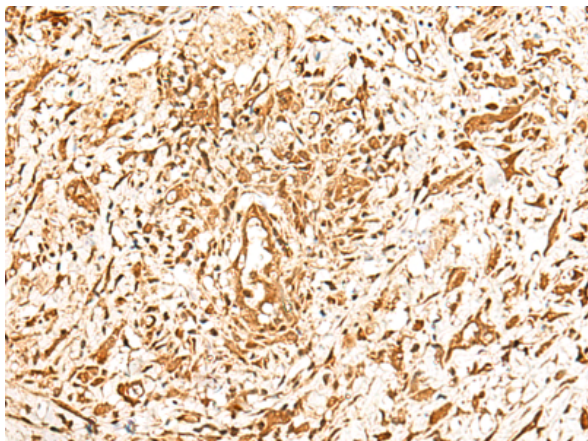
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

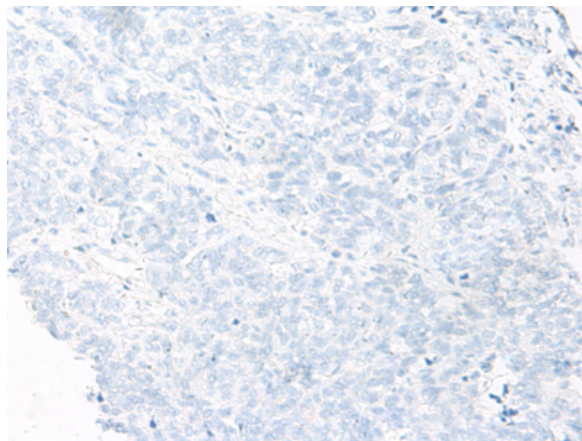
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

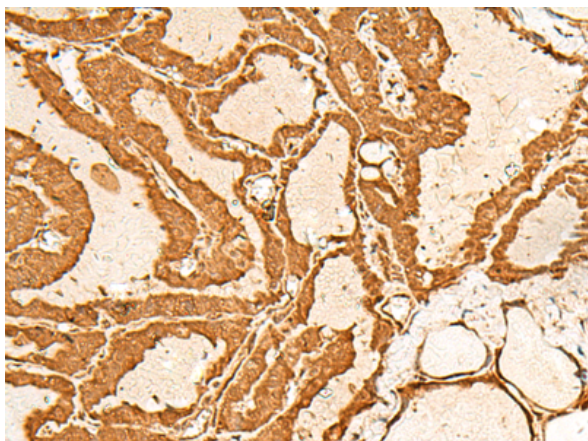
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



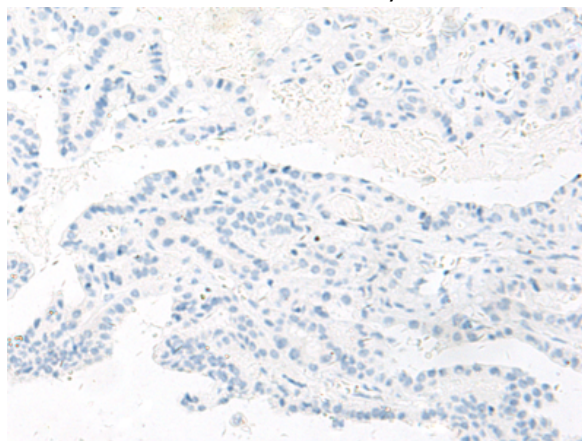
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 222107(CHPI Antibody) at a dilution of 1/40(Nucleus).



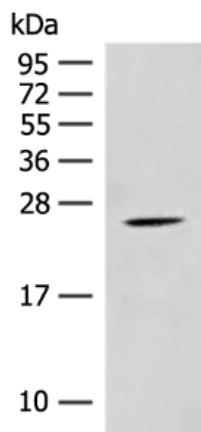
In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 222107(Anti-CHPI Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 222107(Anti-CHPI Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D264036(Anti-CHPI Antibody) at dilution 1/40.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane: Human fetal liver tissue lysate;
Primary antibody: 222107(CHPI Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
