

## 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<sup>+</sup>/H<sup>+</sup> 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

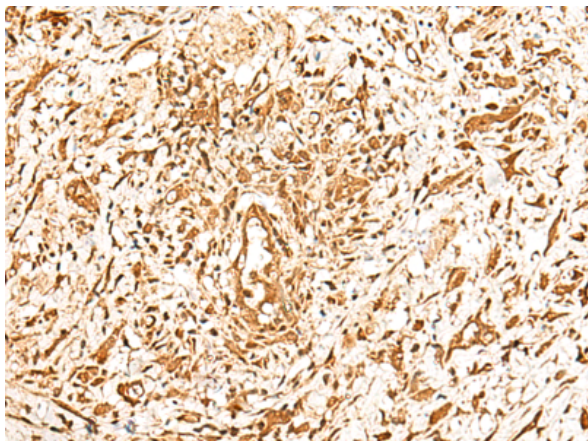
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

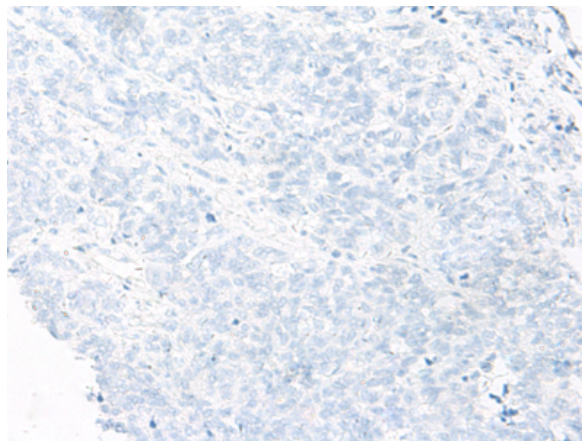
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

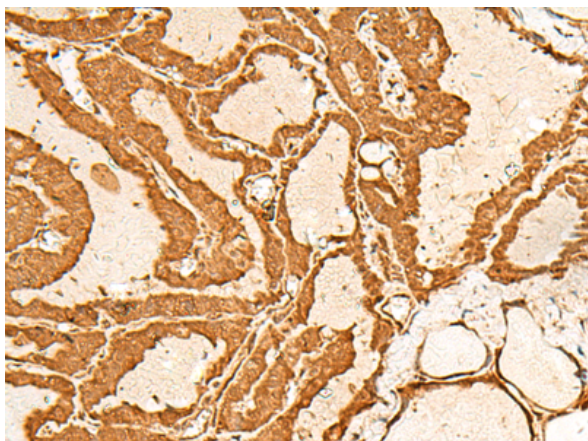
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



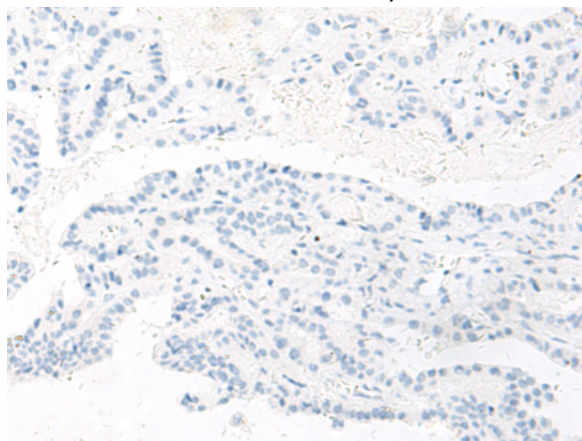
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 222107(CHPI Antibody) at a dilution of 1/40(Nucleus).



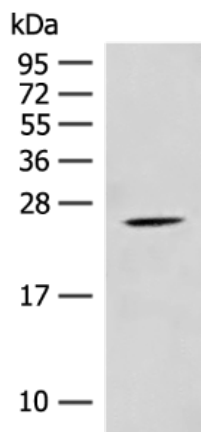
In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 222107(Anti-CHPI Antibody) at dilution 1/40.



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

---