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## anti-CHP antibody

**Images** 



#### Overview

Quantity:	200 μL
Target:	CHP
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### **Product Details**

Immunogen:	Synthetic peptide of human CHP1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

### **Target Details**

Target:	CHP
Alternative Name:	CHP1 (CHP Products)
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

#### **Target Details**

calcineurin activity.CHP1 (Calcineurin Like EF-Hand Protein 1) is a Protein Coding gene. Among its related pathways are Role of Calcineurin-dependent NFAT signaling in lymphocytes and Calcineurin-regulated NFAT-dependent transcription in lymphocytes. GO annotations related to this gene include calcium ion binding and microtubule binding. An important paralog of this gene is CHP2.

UniProt: Q99653

Pathways: Proton Transport, Regulation of Carbohydrate Metabolic Process, VEGF Signaling

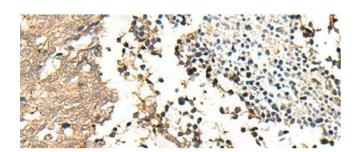
#### **Application Details**

Application Notes: IHC 1:30-1:150, ELISA 1:5000-1:10000

Restrictions: For Research Use only

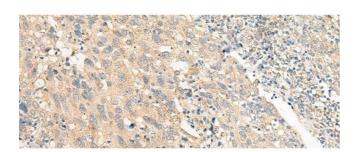
#### Handling

Format:	Liquid
Concentration:	0.66 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human lung cancer tissue using CHP1 Polyclonal Antibody at dilution of 1:25(x200)



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CHP1 Polyclonal Antibody at dilution of 1:25(x200)