

Anti-CHP2 Antibody (Internal)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18286**Specification**

Anti-CHP2 Antibody (Internal) - Product Information

Application	WB, IHC-P, IP
Primary Accession	O43745
Predicted	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22452

Anti-CHP2 Antibody (Internal) - Additional Information**Gene ID** 63928

Alias Symbol	CHP2
Other Names	
CHP2, HCA520	

Target/Specificity

Recognizes endogenous levels of CHP2 protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-CHP2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CHP2 Antibody (Internal) - Protein Information**Name** CHP2**Synonyms** HCA520**Function**

Functions as an integral cofactor in cell pH regulation by controlling plasma membrane-type Na(+)/H(+) exchange activity. Binds to and activates SLC9A1/NHE1 in a serum-independent manner, thus increasing pH and protecting cells from serum deprivation-induced death. Also plays a role in the regulation of cell proliferation and tumor growth by increasing the phosphatase activity of PPP3CA in a calcium-dependent manner. Activator of the calcineurin/NFAT signaling pathway. Involved in the cytoplasmic translocation of the transcription factor NFATC3 to the nucleus.

Cellular Location

Nucleus. Cytoplasm. Cell membrane. Note=Predominantly localized in a juxtanuclear region.

Colocalizes with SLC9A3 in the juxtanuclear region and at the plasma membrane (By similarity). Exported from the nucleus to the cytoplasm through a nuclear export signal (NES) pathway. May shuttle between nucleus and cytoplasm.

Tissue Location

Expressed in malignantly transformed cells but not detected in normal tissues.

Anti-CHP2 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CHP2 Antibody (Internal) - Images