

Chloride Channel 5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54247**Specification****Chloride Channel 5 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P51795
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90785

Chloride Channel 5 Polyclonal Antibody - Additional Information**Gene ID** 1184**Other Names**

H(+)/Cl(-) exchange transporter 5, Chloride channel protein 5, CLC-5, Chloride transporter CLC-5, CLCN5, CLCK2

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Chloride Channel 5 Polyclonal Antibody - Protein Information**Name** CLCN5 ([HGNC:2023](#))**Synonyms** CLCK2**Function**

Proton-coupled chloride transporter. Functions as antiport system and exchanges chloride ions against protons (PubMed: <http://www.uniprot.org/citations/20466723> target="_blank">20466723). Important for normal acidification of the endosome lumen. May play an important role in renal tubular function. The CLC channel family contains both chloride channels and proton-coupled anion transporters that exchange chloride or another anion for protons. The absence of conserved gating glutamate residues is typical for family members that function as channels (Probable).

Cellular Location

Golgi apparatus membrane; Multi-pass membrane protein. Endosome membrane; Multi-pass

membrane protein. Cell membrane; Multi-pass membrane protein

Tissue Location

Kidney. Moderately expressed in aortic vascular smooth muscle and endothelial cells, and at a slightly higher level in the coronary vascular smooth muscle.

Chloride Channel 5 Polyclonal Antibody - 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](#)

Chloride Channel 5 Polyclonal Antibody - Images