

Anti-CLCN1 Antibody
Rabbit polyclonal antibody to CLCN1
Catalog # AP59921**Specification**

Anti-CLCN1 Antibody - Product Information

Application	WB
Primary Accession	P35523
Other Accession	Q64347
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	108626

Anti-CLCN1 Antibody - Additional Information**Gene ID** 1180**Other Names**

CLC1; Chloride channel protein 1; CLC-1; Chloride channel protein, skeletal muscle

Target/Specificity

Recognizes endogenous levels of CLCN1 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CLCN1 Antibody - Protein Information**Name** CLCN1 ([HGNC:2019](#))**Synonyms** CLC1**Function**

Voltage-gated chloride channel (PubMed: [8112288](http://www.uniprot.org/citations/8112288) target="_blank">8112288, PubMed: [9122265](http://www.uniprot.org/citations/9122265) target="_blank">9122265, PubMed: [12456816](http://www.uniprot.org/citations/12456816) target="_blank">12456816). Plays an important role in membrane repolarization in skeletal muscle cells after muscle contraction. The CLC channel family contains both chloride channels and proton-coupled anion transporters that exchange chloride or another anion for protons (Probable). The absence of conserved gating glutamate residues is typical for family members that function as

channels (Probable).

Cellular Location

Cell membrane; Multi-pass membrane protein

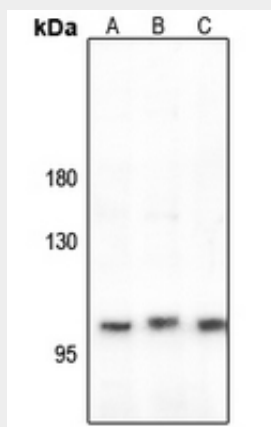
Tissue Location

Predominantly expressed in skeletal muscles.

Anti-CLCN1 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](#)

Anti-CLCN1 Antibody - Images

Western blot analysis of CLCN1 expression in Hela (A), MG63 (B), mouse muscle (C) whole cell lysates.

Anti-CLCN1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CLCN1. The exact sequence is proprietary.