

Anti-CLC-7 / CLCN7 Antibody (aa10-59)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18358**Specification**

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Product Information

Application	WB, IHC-P, E
Primary Accession	P51798
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	88679
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Additional Information**Gene ID** 1186**Alias Symbol** **CLCN7****Other Names**

CLCN7, Chloride channel 7, CLC7, OPTA2, Chloride channel protein 7, CLC-7, OPTB4, PPP1R63

Target/Specificity

CLCN7 Antibody detects endogenous levels of CLCN7.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-CLC-7 / CLCN7 Antibody (aa10-59) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - Protein Information**Name** CLCN7 ([HGNC:2025](#))**Function**

Slowly voltage-gated channel mediating the exchange of chloride ions against protons (PubMed:18449189, PubMed:21527911). Functions as antiporter and contributes to the acidification of the lysosome lumen and may be involved in maintaining lysosomal pH (PubMed:18449189, PubMed:21527911, PubMed:31155284). The CLC

channel family contains both chloride channels and proton-coupled anion transporters that exchange chloride or another anion for protons (By similarity). The presence of conserved gating glutamate residues is typical for family members that function as antiporters (By similarity).

Cellular Location

Lysosome membrane; Multi-pass membrane protein

Tissue Location

Brain and kidney..

Anti-CLC-7 / CLCN7 Antibody (aa10-59) - 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-CLC-7 / CLCN7 Antibody (aa10-59) - Images