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

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18358

Product Information

Application	WB, IHC-P, E
Primary Accession	P51798
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	88679

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.

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..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.