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Clcn5 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10759

Product Information

Application	WB
Primary Accession	Q9WVD4
Other Accession	NM_016691, NP_057900
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90706

Additional Information

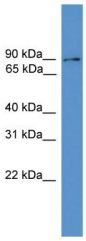
Gene ID	12728
Alias Symbol	5430408K11Rik, ClC-5, Clc5, D930009B12Rik, DXImx42e, Sfc13, T25545
Other Names	H(+)/Cl(-) exchange transporter 5, Chloride channel protein 5, ClC-5, Chloride transporter ClC-5, Clcn5, Clc5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Clcn5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Clcn5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

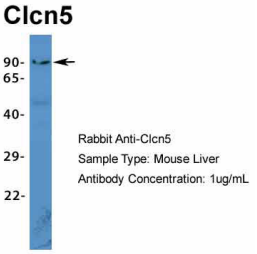
Name	Clcn5
Synonyms	Clc5
Function	Proton-coupled chloride transporter. Functions as antiport system and exchanges chloride ions against protons. Important for normal acidification of the endosome lumen. May play an important role in renal tubular function (By similarity). The CLC channel family contains 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 {ECO:0000250|UniProtKB:P51795}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P51795}. Endosome membrane {ECO:0000250|UniProtKB:P51795}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P51795}. Cell membrane {ECO:0000250|UniProtKB:P51795}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P51795}
Tissue Location	Kidney specific.

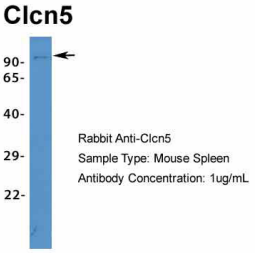
Images



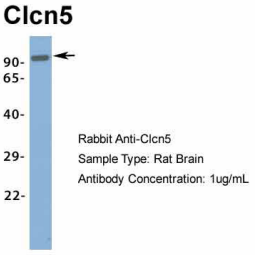
WB Suggested Anti-Clcn5 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Mouse Brain



Host: Rabbit
Target Name: Clcn5
Sample Tissue: Mouse Liver
Antibody Dilution: 1.0µg/ml

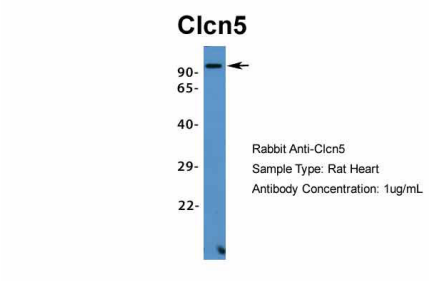


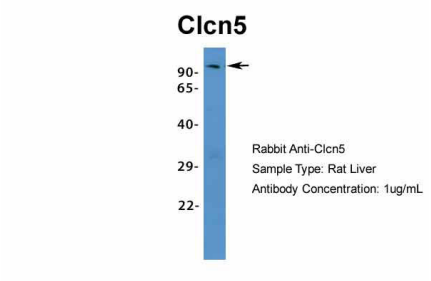
Host: Rabbit
Target Name: Clcn5
Sample Tissue: Mouse Spleen
Antibody Dilution: 1.0µg/ml



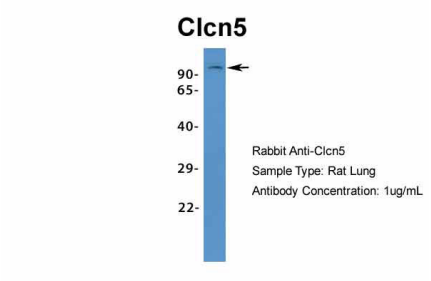
Host: Rabbit
Target Name: Clcn5
Sample Tissue: Rat Brain
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: Clcn5
Sample Tissue: Mouse Heart
Antibody Dilution: 1.0µg/ml





Host: Rabbit
Target Name: Clcn5
Sample Tissue: Rat Liver
Antibody Dilution: 1.0µg/ml



Host: Rabbit
Target Name: Clcn5
Sample Tissue: Rat Lung
Antibody Dilution: 1.0µg/ml

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