

Clcn5 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10759**Specification**

Clcn5 antibody - middle region - Product Information

Application	WB
Primary Accession	O9WVD4
Other Accession	NM_016691 , NP_057900
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Sheep, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Rabbit, Pig, Chicken
Clonality	Rabbit
Calculated MW	Polyclonal 83kDa KDa

Clcn5 antibody - middle region - Additional Information**Gene ID** 12728**Alias Symbol** 5430408K11Rik, CIC-5, Clc5, D930009B12Rik, DXImx42e, Sfc13, T25545**Other Names**

H(+)/Cl(-) exchange transporter 5, Chloride channel protein 5, CIC-5, Chloride transporter CIC-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.

Clcn5 antibody - middle region - 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

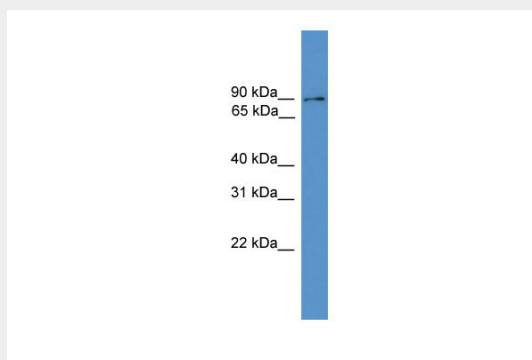
Kidney specific.

Clcn5 antibody - middle region - 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](#)

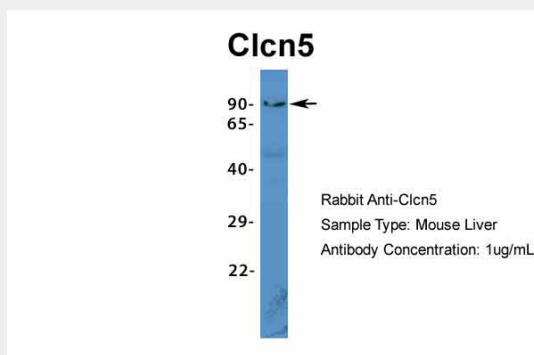
Clcn5 antibody - middle region - Images



WB Suggested Anti-Clcn5 Antibody Titration: 0.2-1 μ g/ml

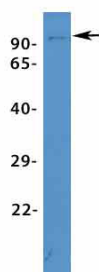
ELISA Titer: 1:62500

Positive Control: Mouse Brain



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

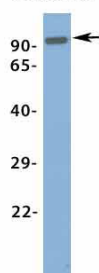
Clcn5



Rabbit Anti-Clcn5
Sample Type: Mouse Spleen
Antibody Concentration: 1ug/mL

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

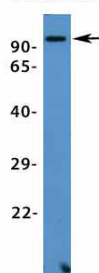
Clcn5



Rabbit Anti-Clcn5
Sample Type: Rat Brain
Antibody Concentration: 1ug/mL

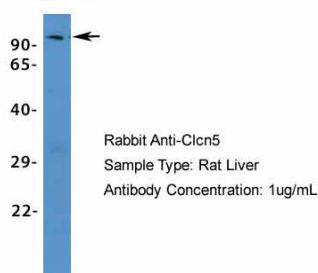
Host: Rabbit
Target Name: Clcn5
Sample Tissue: Rat Brain
Antibody Dilution: 1.0µg/ml

Clcn5

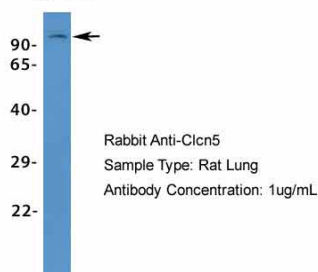


Rabbit Anti-Clcn5
Sample Type: Rat Heart
Antibody Concentration: 1ug/mL

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

Clcn5

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

Clcn5

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