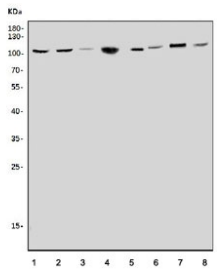
CLCN5 Antibody / CIC-5 (RQ6462)

Catalog No.	Formulation	Size
RQ6462	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P51795
Applications	Western blot: 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This CLCN5 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) rat liver, 3) rat heart, 4) rat kidney, 5) mouse brain, 6) mouse liver, 7) mouse heart and 8) mouse kidney tissue lysate with CLCN5 antibody. Expected molecular weight: 80-83 kDa (isoform 2) and 90-100 kDa (isoform 1).

Description

The CLCN5 gene encodes the chloride channel Cl-/H+ exchanger ClC-5. This gene encodes a member of the ClC family of chloride ion channels and ion transporters. The encoded protein is primarily localized to endosomal membranes and may function to facilitate albumin uptake by the renal proximal tubule. Mutations in this gene have been found in Dent disease and renal tubular disorders complicated by nephrolithiasis. Alternatively spliced transcript variants have been found for this gene.

Application Notes

Optimal dilution of the CLCN5 antibody should be determined by the researcher.

Immunogen

An E. coli-derived human protein (amino acids R100-S756) was used as the immunogen for the CLCN5 antibody.

Storage

After reconstitution, the CLCN5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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