

Anti-CLCN5 antibody



Description	Unconjugated Rabbit polyclonal to CLCN5
Model	STJ190690
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	1184
Gene Symbol	CLCN5
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CLCN5 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Kidney. Moderately expressed in aortic vascular smooth muscle and endothelial cells, and at a slightly higher level in the coronary vascular smooth muscle.
Purification	CLCN5 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	H ⁺ /Cl ⁻ exchange transporter 5 Chloride channel protein 5 ClC-5 Chloride transporter ClC-5
Molecular Weight	82 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2023OMIM:300008
Alternative Names	H ⁺ /Cl ⁻ - exchange transporter 5 Chloride channel protein 5 ClC-5 Chloride transporter ClC-5
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.
Cellular Localization	Golgi apparatus membrane Endosome membrane Cell membrane
Post-translational Modifications	Ubiquitinated by NEDD4L in the presence of albumin; which promotes endocytosis and proteasomal degradation.

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