



# Anti-CLCN5 (internal region) polyclonal antibody (DPABH-28211)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide from the internal region of Mouse Chloride Channel 5 conjugated to an immunogenic carrier protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Purification</b>	Whole antiserum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, IHC-P, IHC-Fr, WB
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Constituents: Whole serum
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Add glycerol to a final volume of 50%, aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">CLCN5 chloride channel 6 [ Mus musculus ]</a>
Official Symbol	CLCN5
Synonyms	CLCN5; chloride channel 5; Clc5; ClC-5; Sfc13; T25545; DXImx42e; 5430408K11Rik; D930009B12Rik; H(+)/Cl(-) exchange transporter 5; chloride channel protein 5; chloride transporter ClC-5;
Entrez Gene ID	<a href="#">12728</a>
Protein Refseq	<a href="#">NP_001230691.1</a>
UniProt ID	<a href="#">B1ATV0</a>
Pathway	Ion channel transport; Transmembrane transport of small molecules;
Function	ATP binding; adenyl nucleotide binding; antiporter activity; ion channel activity