

Datasheet for ABIN6260875

**anti-Chloride Channel 5 antibody (Internal Region)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Chloride Channel 5 (CLCN5)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Chloride Channel 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human CLCN5, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	CLCN5 Antibody detects endogenous levels of total CLCN5.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

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## Target Details

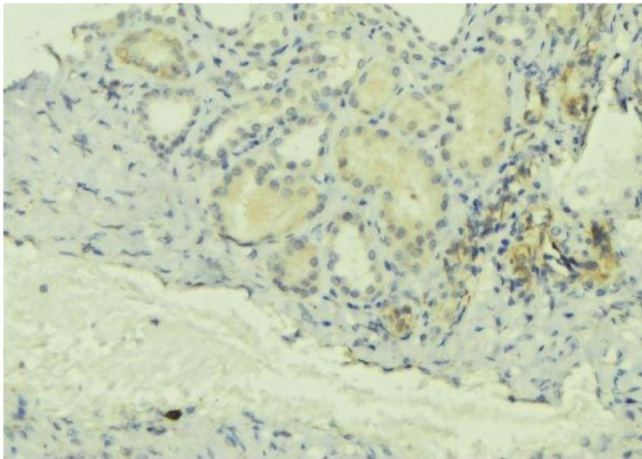
Alternative Name:	CLCN5 ( <a href="#">CLCN5 Products</a> )
Background:	<p>Description: Proton-coupled chloride transporter. Functions as antiport system and exchanges chloride ions against protons. Important for normal acidification of the endosome lumen. May play an important role in renal tubular function.</p> <p>Gene: CLCN5</p>
Molecular Weight:	83kDa
Gene ID:	1184
UniProt:	<a href="#">P51795</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

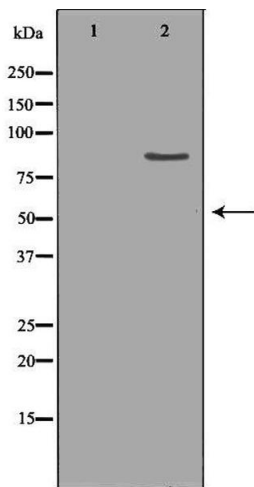
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Immunohistochemistry

**Image 1.** ABIN6277709 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



### Western Blotting

**Image 2.** Western blot analysis of Hepg2 whole cell lysates, using CLCN5 Antibody. The lane on the left is treated with the antigen-specific peptide.