

Datasheet for ABIN2776327  
**anti-CLCN3 antibody (C-Term)**

5 Images

1 Publication

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## Overview

Quantity:	100 µL
Target:	CLCN3
Binding Specificity:	C-Term
Reactivity:	Rat, Human, Mouse, Rabbit, Guinea Pig, Dog, Zebrafish (Danio rerio), Horse, Cow, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLCN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human CLCN3
Sequence:	VGDAFGREGI YEAHIRLNGY PFLDAKEEFT HTTLAADVMR PRRNDPPLAV L
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 91%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CLCN3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	CLCN3
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## Target Details

Alternative Name:	CLCN3 ( <a href="#">CLCN3 Products</a> )
Background:	<p>CLCN3 plays an important role in the cell proliferation of vascular smooth muscle cells. The PDZ-binding isoform of CLCN3 resides in the Golgi where it co-localizes with a small amount of CFTR (cystic fibrosis transmembrane conductance regulator).</p> <p>Alias Symbols: CLC3, CIC-3</p> <p>Protein Interaction Partner: GOPC, SLC9A3R1, PDZK1, CLCN3, CFTR,</p> <p>Protein Size: 866</p>
Molecular Weight:	95 kDa
Gene ID:	1182
NCBI Accession:	<a href="#">NM_173872</a> , <a href="#">NP_776297</a>
UniProt:	<a href="#">P51790</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 866 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

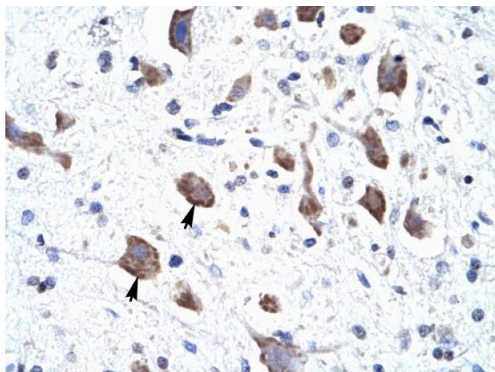
Product cited in: Takeshita, Ichikawa, Nitta, Goyama, Asai, Ogawa, Chiba, Kurokawa: "AML1-Evi-1 specifically transforms hematopoietic stem cells through fusion of the entire Evi-1 sequence to AML1." in: **Leukemia**, Vol. 22, Issue 6, pp. 1241-9, (2008) ([PubMed](#)).

Images



Western Blotting

**Image 1.** WB Suggested Anti-CLCN3 Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate



Immunohistochemistry

**Image 2.** Human Brain

Rabbit Anti-CLCN3 Antibody  
Catalog Number: ARP35504  
Lot Number: QC4788  
Paraffin Embedded Tissue: Human Brain  
Cells with Positive label: Neural cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X



Anti-CLCN3 Western Blot & Peptide Block Validation

Lot Number: QC4788  
Lysate: HepG2 Cell

Lane A: Primary Antibody  
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 2.5µg/ml  
Peptide Concentration: 2.0µg/ml  
Lysate Quantity: 25µg/lane  
Gel Concentration: 12%

Western Blotting

**Image 3.** Host: Rabbit Target Name: CLCN3 Sample Type: HepG2 Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 12%

## Images

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Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2776327.