

Datasheet for ABIN2776159  
**anti-CLCNKA antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	CLCNKA
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLCNKA antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CLCNKA
Sequence:	MEELVGLREG FSGDPVTLQE LWGPCPHIRR AIQGGLEWLK QKVFR LGEDW
Predicted Reactivity:	Cow: 90%, Human: 100%, Mouse: 85%, Pig: 85%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against CLCNKA. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	CLCNKA
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## Target Details

Alternative Name:	CLCNKA ( <a href="#">CLCNKA Products</a> )
Background:	<p>CLCNKA is a member of the CLC family of voltage-gated chloride channels. It is predicted to have 12 transmembrane domains, and requires a beta subunit called barttin to form a functional channel. It is thought to function in salt reabsorption in the kidney and potassium recycling in the inner ear. This gene is a member of the CLC family of voltage-gated chloride channels. The encoded protein is predicted to have 12 transmembrane domains, and requires a beta subunit called barttin to form a functional channel. It is thought to function in salt reabsorption in the kidney and potassium recycling in the inner ear. The gene is highly similar to CLCNKB, which is located 10 kb downstream from this gene. Multiple transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: CLCK1, CIC-K1, MGC61490, hCIC-Ka</p> <p>Protein Size: 687</p>
Molecular Weight:	75 kDa
Gene ID:	1187
NCBI Accession:	<a href="#">NM_004070</a> , <a href="#">NP_004061</a>
UniProt:	<a href="#">P51800</a>
Pathways:	<a href="#">Response to Water Deprivation</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 687 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

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.

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-CLCNKA Antibody Titration:  
0.2-1 ug/ml Positive Control: Human Liver