

Datasheet for ABIN571153 anti-CLCN2 antibody (Internal Region)

[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CLCN2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CLCN2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CLCN2
Immunogen:	Peptide with sequence QQLDEPVNFSDCK, from the internal region of the protein sequence according to NP_004357.3.
Sequence:	QQLDEPVNFS DCK
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_004357.3, NP_001164558.1, NP_001164559.1, NP_001164560.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: CLCN2

Alternative Name: CLCN2 ([CLCN2 Products](#))

Background: CLCN2, chloride channel 2, CIC-2, CLC2, ECA2, ECA3, EGI11, EGI3, EGMA, EJM6, EJM8, Epilepsy, idiopathic generalized, susceptibility to

Gene ID: 1181, 12724, 29232

NCBI Accession: [NP_004357](#)

Application Details

Application Notes: Western Blot: Approx 100 kDa band observed in lysates of cell line HeLa (calculated MW of 98.5 kDa according to NP_004357.3). Recommended concentration: 0.3-1 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

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: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571153 (0.3µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.