

For Research Use Only

# CLCN3 Polyclonal antibody

Catalog Number:55330-1-AP



## Basic Information

Catalog Number:

55330-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001829

GeneID (NCBI):

1182

UNIPROT ID:

P51790

Full Name:

chloride channel 3

Calculated MW:

91 kDa

Observed MW:

90-100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : A549 cells, mouse brain tissue, mouse colon tissue, rat brain tissue

## Background Information

Chloride channel 3 (CLCN3), one of the members of the chloride channel family that are voltage-gated, primarily regulates the homeostasis state of intercellular ions and the acidification of cellular compartments. CLCN3 has been shown to function in cell proliferation, migration, and resistance to pharmacological treatment in glioma, ovarian cancer, and stomach adenocarcinoma cells. Therefore, CLCN3 may function critically in the initiation and development of cancer. (PMID: 36439880)

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

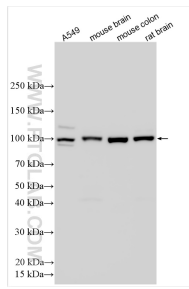
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55330-1-AP (CLCN3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.