Product Datasheet

# CLCA1 Polyclonal Antibody

Catalog No: #28810

Package Size: #28810-1 50ul #28810-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | CLCA1 Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB,IHC,IF |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | Recombinant fusion protein containing a sequence corresponding to amino acids 22-150 of human CLCA1 (NP_001276.2). |
| Other Names | CLCA1; CACC; CACC1; CLCRG1; CaCC-1; GOB5; hCLCA1; hCaCC-1; chloride channel accessory 1 |
| Accession No. | Swiss-Prot#:A8K7I4NCBI Gene ID:1179 |
| Uniprot | A8K7I4 |
| GeneID | 1179; |
| Calculated MW | 100 kDa |
| Formulation | PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| Storage | Store at -20°C |

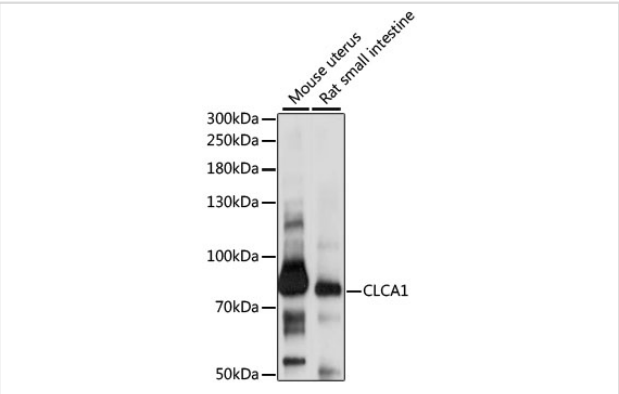
## Application Details

WB□1:500 - 1:2000

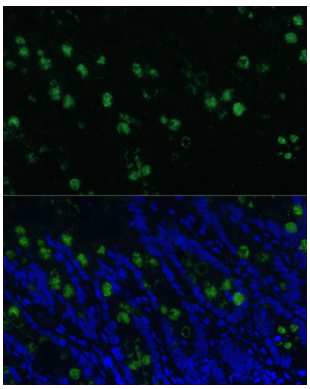
IHC□1:50 - 1:100

IF□1:50 - 1:100

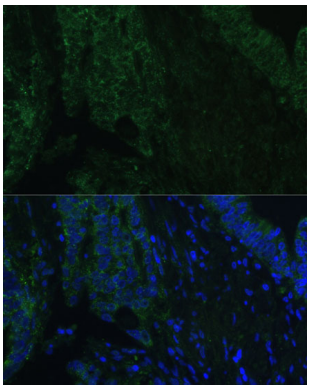
## Images



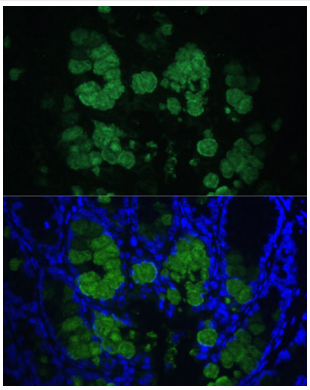

Western blot analysis of extracts of various cell lines, using CLCA1 at 1:1000 dilution.



Immunofluorescence analysis of rat colon using CLCA1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of human colon carcinoma using CLCA1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse colon using CLCA1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## Background

This gene encodes a member of the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same region on chromosome 1p31-p22 and share a high degree of homology in size, sequence, and predicted structure, but differ significantly in their tissue distributions. The encoded protein is expressed as a precursor protein that is processed into two cell-surface-associated subunits, although the site at which the precursor is cleaved has not been precisely determined. The encoded protein may be involved in mediating calcium-activated chloride conductance in the intestine.

Note: This product is for in vitro research use only