

## 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

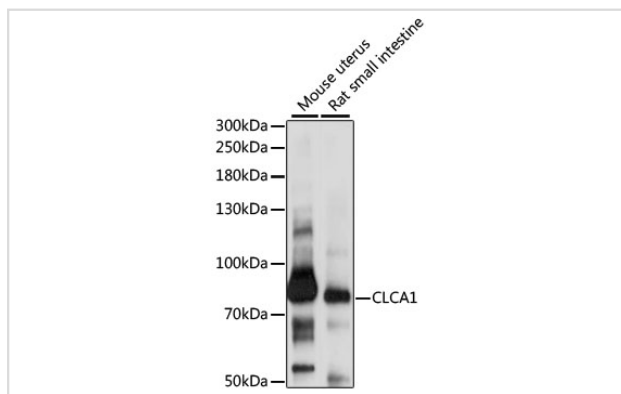
## Application Details

WB □ 1:500 - 1:2000

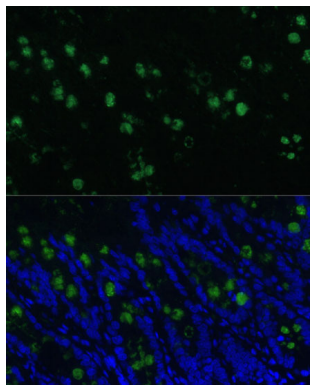
IHC □ 1:50 - 1:100

IF □ 1:50 - 1:100

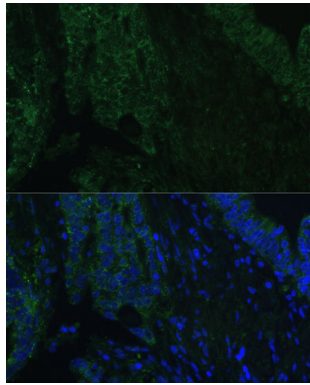
## Images



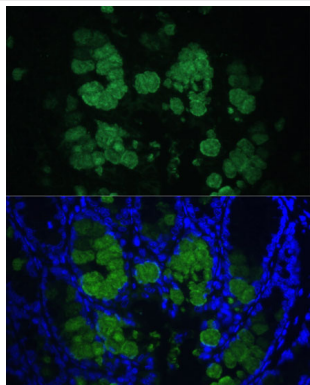
Western blot analysis of extracts of various cell lines, using CLCA1 at 1:1000 dilution.



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