

**ARG63785**  
anti-CLCA1 antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes CLCA1
Tested Reactivity	Hu
Tested Application	WB
Specificity	No cross-reactivity expected with CLCA2 and 3.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CLCA1
Species	Human
Immunogen	C-TVTSKTNKDTSK
Conjugation	Un-conjugated
Alternate Names	hCLCA1; CACC1; Calcium-activated chloride channel regulator 1; Calcium-activated chloride channel family member 1; CaCC-1; Calcium-activated chloride channel protein 1; EC 3.4.-.-; GOB5; CACC; CLCRG1; hCaCC-1

### Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links [GeneID: 1179 Human](#)

[Swiss-port # A8K7I4 Human](#)

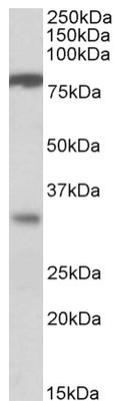
**Background** This gene encodes a member of the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same region on chromosome 1p31-p22 and share a high degree of homology in size, sequence, and predicted structure, but differ significantly in their 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. [provided by RefSeq, Jul 2008]

**Research Area** Signaling Transduction antibody

**Calculated Mw** 100 kDa

**PTM** Glycosylated.  
The 125-kDa product is autoproteolytically processed by the metalloprotease domain and yields to two cell-surface-associated subunits, a 90-kDa protein and a group of 37-to 41-kDa proteins. The cleavage is necessary for calcium-activated chloride channel (CaCC) activation activity.

## Images



ARG63785 anti-CLCA1 antibody WB image

Western Blot: Human Duodenum lysate (35 µg protein in RIPA buffer) stained with ARG63785 anti-CLCA1 antibody at 1 µg/ml dilution.