

CLCA1 rabbit monoclonal antibody

Catalog # H00001179-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLCA1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLCA1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CLCA1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CLCA1

Entrez GeneID	1179
GeneBank Accession#	CLCA1
Gene Name	CLCA1
Gene Alias	CACC, CACC1, CLCRG1, FLJ95147, GOB5
Gene Description	chloride channel regulator 1
Omim ID	603906
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	CLCA family member 1, chloride channel regulator[OTTHUMP00000011907]calcium-activated chloride channel protein 1 calcium-dependent chloride channel-1 chloride channel, calcium activated, family member 1

Pathway

- [Olfactory transduction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Cystic Fibrosis](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Ileus](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)