

CLCA1 polyclonal antibody

Catalog # PAB6807

Size 100 ug

Specification

| | |
|--------------------------------|--|
| Product Description | Goat polyclonal antibody raised against synthetic peptide of CLCA1. |
| Immunogen | A synthetic peptide corresponding to human CLCA1. |
| Sequence | C-TVTSKTNKDTSK |
| Host | Goat |
| Theoretical MW (kDa) | 100 |
| Specificity | This antibody is not expected to cross-react with CLCA2 and 3. |
| Form | Liquid |
| Purification | Antigen affinity purification |
| Concentration | 0.5 mg/mL |
| Quality Control Testing | Antibody Reactive Against Synthetic Peptide. |
| Recommend Usage | ELISA (1:16000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| Storage Instruction | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CLCA1

Entrez GeneID [1179](#)

Protein Accession# [NP_001276.1](#)

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

Publication Reference

- [A review of asthma genetics: gene expression studies and recent candidates.](#)

Malerba G, Pignatti PF.

J Appl Genet 2005 Jan; 46(1):93.

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](#)