

MaxPab®

CLCA1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001179-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CLCA1 protein.
Immunogen	CLCA1 (AA41452.1, 1 a.a. ~ 914 a.a) full-length human protein.
Sequence	MGPFKSSVFILHLLEGALSNSLIQLNNGYEGIVVAIDPNVPEDETLIQQIKDMVTQASLYLFEATG KRFYFKNVAILIPETWTKADYVRPKLETYKNADVLVAESTPPGNDEPYEQMGNCGEKGERIHLT PDFIAGKKLAEYGPQGRAFVHEWAHLRWGVFDEYNNDEKFYLSNGRIQAVRCSAGITGTNVVKK CQGGSCYTKRCTFNKVTGLYEKGCEFLQSRQTEKASIMFAQHVDSEFCTEQNHNKEAPNKQ NQKCNLRSTWEVIRDSEDFKKTTPMTTQPPNPTFSLQIGQRVCLVLDKSGSMATGNRLNRLNQ AGQLFLLQTVELGSWVGMVTFDSAAPHVQNELIQNSGSDRDLAKRLPAAASGGTSICSGRLSAF TVIRKKYPTDGSEVLLTDGEDNTISGCFNEVKQSGAIIHTVALGPSAAQEEELSKMTGGLQTYAS DQVQNNGLIDAFGALSSGNGAVSQRSIQLESKGLTLQNSQWMNGTVVDSTVGKDTLFLITWTMQ PPQILLWDPGQKQGGFVVDKNTKMAYLQIPGIAKVGTWKYSLQASSQTLTLTVTSRASNATLPPI TVTSKTNKDTSKFPSPLVVYANIRQGASPIRLASVTALIESVNGKTVTLELLDNGAGADATKDDGVY SRYFTTYDTNGRYSVKVRALGGVNAARRRVIPQQSGALYIPGWIENDEIQWNPPRPEINKDDVQHK QVCFSRSSGGSFVASDVPNAPIPDLFPPGQITDLKAEIHGGSLINLTWTAPGDDYDHGTAHKYIIRI STSILDLRDKFNESLQVNTTALIPKEANSEEVFLFKPENITFENGTDLFIAIQAVDKVDLKSEISNIAR VSLFIPPQTPPETPSPDETSAPCPNIHINSTIPGIHILKIMWKWIGELQLSIA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); Rat (75)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — CLCA1

Entrez GeneID [1179](#)

GeneBank Accession# [BC141451.1](#)

Protein Accession# [AA41452.1](#)

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

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](#)