

MaxPab®

CLCA2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009635-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CLCA2 protein.
Immunogen	CLCA2 (NP_006527.1, 1 a.a. ~ 943 a.a) full-length human protein.
Sequence	MTQRSIAGPICNLKFVTLVALSSELPFLGAGVQLQDNGYNGLLIINPQVPENQNLISNIKEMITEAS FYLFNATKRRVFFRNILIPATWKANNNSKIKQESYEKANVIVTDWYGAHGDDPYTLQYRGCGKEG KYIHFTPNFLLNDNLTAGYGSRGVVFVHEWAHLRWGVFDEYNNDKPFYINGQNQIKVTRCSSDITGI FVCEKGPCPQENCIISKLFKEGCTFIYNSTQNATASIMFMQSLSSVVEFCNASTHNQEAPNLQNQM CSLRSAWDVITDSADFHHSFPMNGTELPPPPTFSLVQAGDKVVCLVLDVSSKMAEADRLLQLQ QAAEFYLMQVEIHTFVGIAFDSKGEIRAQLHQINSNDDRKLLVSYLPPTVSAKTDISICSLKKGFE VVEKLNKAYGSVMILVTSGDDKLLGNCLPTVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVP DISNSNSMIDAFSRISSTGDIFQQHIQLESTGENVKPHHQLKNTVTVDNTVGNDTMFLVTWQASG PPEILFDPDGRKYTNNFITNLTFRTASLWIPGTAKPGHWYTLNNTHHSLQALKVTVTSRASNSAV PPATVEAFVERDSLHFPHPVMYANVKQGFYPILNATVTATVEPETGDPVTLRLDDGAGADVIKN DGIYSRYFFSFAANGRYSLKVHVNHSPSISTPAHSIPGSHAMYVPGYTANGNIQMNAPRKSVGRNE EERKWGFSRVSSGGSFSLVGPAGHPDVPFPCKIIDLEAVKVEEELTSLWTAPGEDFDQGQAT SYEIRMSKSLQNIQDDFNNAILVNTSKRNPQQAGIREIFTFSPQISTNGPEHQPNGETHESHRIYVAIR AMDRNSLQSAVSNAQAPLFIPPNSDPVPARDYLILKGVLTA MGLIGIICLIIVTHHTLSRKKRADKK ENGTKLL
Host	Mouse
Reactivity	Human
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 — CLCA2

Entrez GeneID [9635](#)

GeneBank Accession# [NM_006536.4](#)

Protein Accession# [NP_006527.1](#)

Gene Name CLCA2

Gene Alias CACC, CACC3, CLCRG2, CaCC-3, FLJ97885

Gene Description chloride channel regulator 2

Omim ID [604003](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene belongs to the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same site on chromosome 1p31-p22 and share high degrees of homology in size, sequence and predicted structure, but differ significantly in their tissue distributions. Since this protein is expressed predominantly in trachea and lung, it is suggested to play a role in the complex pathogenesis of cystic fibrosis. It may also serve as adhesion molecule for lung metastatic cancer cells, mediating vascular arrest and colonization, and furthermore, it has been implicated to act as a tumor suppressor gene for breast cancer. [provided by RefSeq]

Other Designations

CLCA family member 2, chloride channel regulator[OTTHUMP00000011911|calcium-activated chloride channel protein 3|calcium-activated chloride channel-2|chloride channel, calcium activated, family member 2]

Pathway

- [Olfactory transduction](#)

Disease

- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)