

DNAxPAb

Hard-to-Find
Antibody

CLCA2 DNAxPab

Catalog # H00009635-W01P

Size 100 ug

Specification

Product Description Rabbit polyclonal antibody raised against a partial-length human CLCA2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen CLCA2 (NP_006527.1, 32 a.a. ~ 901 a.a) partial-length human DNA

Sequence

GVQLQDNGYNGLLIINPQVPENQNLISNIKEMITEASFYLFNATKRRVFFRNIKILIPATWKANNNSKI
KQESYEKANVMTDWYGAHGDDPYTLQYRGCGKEGKYIHFTPNFLLNDNLTAGYGSRGRVVFVHEW
AHLRWGVFDEYNNDKPFYINGQNKIKVTRCSDITGIFVCEKGPCPCQENCIISKLFKEGCTFIYNSTQ
NATASIMFMQSLSSVVEFCNASTHNQEAPNLQNMCSLRSABWDVITDSADFHHSFPMNGTELPP
PPTFSLVQAGDKVVCLVLDVSSKMAEADRLQLQQAEEFYLMQVEIHTFVGIAFDSKGEIRAQL
HQINSNDDRKLLVSYLPTTVSAKTDISCSGLKKGFEVVEKLNKAYGSVMILVTSGDDKLLGNCLP
TVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVPDISNSNSMIDAFSRISSTGDIQQHIQLEST
GENVKPHHQLKNTVTVDNTVGNMTFLVTWQASGPPEIILFDPDGRKYITNNFITNLTFRTASLWIP
GTAKPGHWYTLNNTTHSLQALKVTVTSRASNSAVPPATVEAFVERDSLHFPHPVMYANVKQGF
YPILNATVTATVEPETGDPVTLRLDDGAGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSYSIST
PAHSIPGSHAMYVPGYTANGNIQMNA PRKSVGRNEEERKWGFSRVSSGGSFSLGVPAGPHPD
VFPPCKIIDLEAVKVEEELTSLWTAPGEDFDQGGATSYEIRMSKSLQNIQDDFNAILVNTSKRNP
QQAGIREIFTFSPQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAVSNIQAPLFIPPNSDPVP
ARDYL

Host Rabbit

Reactivity Human

Purification Protein A

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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)