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Datasheet

CLCA1 polyclonal antibody

Catalog Number: PAB11420

Regulation Status: For research use only (RUO)

Product Description: Goat polyclonal antibody raised against synthetic peptide of CLCA1.

Immunogen: A synthetic peptide corresponding to amino acids 872-884 of human CLCA1.

Sequence: PETPSPDETSAPC

Host: Goat

Theoretical MW (kDa): 100

Reactivity: Human

Applications: ELISA, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Concentration: 0.5 mg/mL

Recommend Usage: ELISA (1:64000)
Western Blot (0.3-1 ug/mL)
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.

Entrez GeneID: 1179

Gene Symbol: CLCA1

Gene Alias: CACC, CACC1, CLCRG1, FLJ95147, GOB5

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]

References:

1. Oxidant stress stimulates Ca2+-activated chloride channels in the apical activated membrane of cultured nonciliated human nasal epithelial cells. Jeulin C, Guadagnini R, Marano F. Am J Physiol Lung Cell Mol Physiol. 2005 Oct;289(4):L636-46.