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CLCA2 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10801

Product Information

Application	WB
Primary Accession	Q9UQC9
Other Accession	NM_006536, NP_006527
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103941

Additional Information

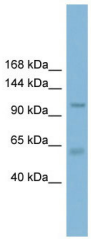
Gene ID	9635
Alias Symbol	CACC, CACC3, CLCRG2, CaCC-3, FLJ97885
Other Names	Calcium-activated chloride channel regulator 2, 3.4.-.-, Calcium-activated chloride channel family member 2, hCLCA2, Calcium-activated chloride channel protein 3, CaCC-3, hCaCC-3, Calcium-activated chloride channel regulator 2, 109 kDa form, Calcium-activated chloride channel regulator 2, 35 kDa form, CLCA2, CACC3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CLCA2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CLCA2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CLCA2
Synonyms	CACC3
Function	Plays a role in modulating chloride current across the plasma membrane in a calcium-dependent manner, and cell adhesion. Involved in basal cell adhesion and/or stratification of squamous epithelia. May act as a tumor suppressor in breast and colorectal cancer. Plays a key role for cell adhesion in the beginning stages of lung metastasis via the binding to ITGB4.

Cellular Location	Cell membrane; Single-pass type I membrane protein. Basal cell membrane; Single-pass type I membrane protein. Cell junction
Tissue Location	Expressed in cornea, skin, vagina, esophagus, and larynx (at protein level). Expressed in trachea and mammary gland Weakly expressed in testis and kidney. Highly expressed in corneal epithelium, colon and trachea. Moderately expressed in brain, urogenital organs, bladder, uterus and prostate. Highly expressed in tissues containing stratified epithelium including cornea, esophagus, larynx, skin and vagina than those tissues which contain only epithelial monolayers. Expressed in normal breast epithelium but not in breast cancer. Highly expressed during epithelial stratification Expressed in endothelial cells of lung. Expressed selectively in endothelia of small pulmonary arteries, arterioles, and subpleural and interlobular venules.

Images



WB Suggested Anti-CLCA2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: THP-1 cell lysate