

Rabbit CLCA2 Polyclonal Antibody | anti-CLCA2 antibody

CLCA2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197938	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

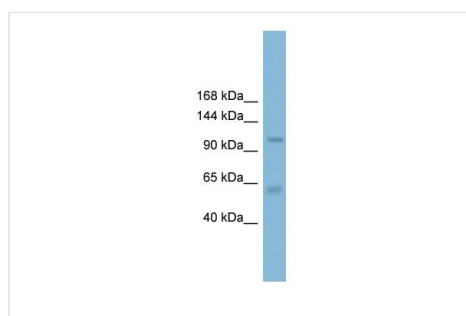
PRODUCT SYNONYMS

CLCA2; Polyclonal Antibody; CLCA2 antibody - C-terminal region; anti-CLCA2 antibody

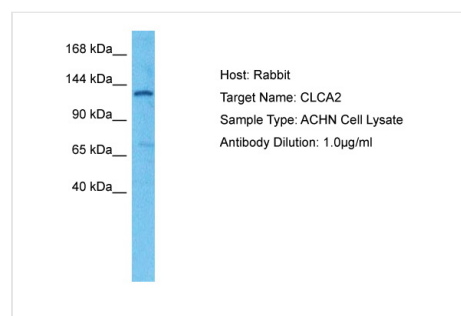
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RY FFSFAANGRY SLKVHVNHSIP SISTPAHSIP GSHAMYVPGY TANGNIQM
Sequence Length	943
Applicable Applications for anti-CLCA2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 85%; Horse: 85%; Human: 100%; Mouse: 79%; Pig: 77%; Rabbit: 92%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CLCA2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CLCA2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: THP-1 cell lysate


WB (Western Blot)

Host: Rabbit
Target Name: CLCA2
Sample Type: ACHN Cell Lysate
Antibody Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CLCA2 antibody	This is a rabbit polyclonal antibody against CLCA2. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-CLCA2 antibody	Polyclonal; Ion Channel; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729769
NCBI GeneID	9635
NCBI Accession #	NP_006527
NCBI GenBank Nucleotide #	NM_006536
UniProt Accession #	Q9UQC9
Molecular Weight	104kDa
NCBI Official Full Name	calcium-activated chloride channel regulator 2 preproprotein
NCBI Official Synonym Full Names	chloride channel accessory 2
NCBI Official Symbol	CLCA2
NCBI Official Synonym Symbols	CACC; CACC3; CLCRG2; CaCC-3
NCBI Protein Information	calcium-activated chloride channel regulator 2
UniProt Protein Name	Calcium-activated chloride channel regulator 2
UniProt Gene Name	CLCA2
UniProt Synonym Gene Names	CACC3; hCLCA2; CaCC-3; hCaCC-3
UniProt Entry Name	CLCA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.