



# Human CLCA1 blocking peptide (CDBP0815)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-CLCA1 (aa872-884) antibody
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CLCA1 chloride channel accessory 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	CLCA1
<b>Synonyms</b>	CLCA1; chloride channel accessory 1; chloride channel regulator 1 , chloride channel, calcium

activated, family member 1; calcium-activated chloride channel regulator 1; CaCC; CLCRG1; chloride channel regulator 1; calcium-dependent chloride channel-1; calcium-activated chloride channel protein 1; CLCA family member 1, chloride channel regulator; calcium-activated chloride channel family member 1; chloride channel, calcium activated, family member 1; CACC; GOB5; CACC1; CaCC-1; hCLCA1; hCaCC-1; FLJ95147;

Entrez Gene ID	<a href="#">1179</a>
mRNA Refseq	<a href="#">NM_001285</a>
Protein Refseq	<a href="#">NP_001276</a>
UniProt ID	A8K7I4
Chromosome Location	1p22.3
Pathway	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Olfactory transduction, organism-specific biosystem; Olfactory transduction, conserved biosystem; Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem;
Function	chloride channel activity;