

Datasheet for ABIN185417
anti-CLCA1 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CLCA1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CLCA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CLCA1
Immunogen:	Peptide with sequence C-TVTSKTNKDTSK, from the internal region of the protein sequence according to NP_001276.1.
Sequence:	TVTSKTNKDT SK
Isotype:	IgG
Specificity:	No cross-reactivity expected with CLCA2 and 3.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CLCA1
Alternative Name:	CLCA1 (CLCA1 Products)
Background:	CLCA1, chloride channel, calcium activated, family member 1 , HGNC:2015, CaCC, calcium activated chloride channel 1
Gene ID:	1179
NCBI Accession:	NP_001276

Application Details

Application Notes:	Western Blot: Experiments gave bands at approx 80 kDa and 30 kDa in Human Duodenum lysates. These bands correspond to earlier findings in literature with different antibodies (Gruber et al, Genomics. 1998 Dec 1,54(2):200-14.). This protein has a calculated Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN185417 (1µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.