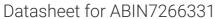
antibodies -online.com







anti-CLCA1 antibody (AA 22-150)





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	IV/E	۱//۱۲	$I \cap V$

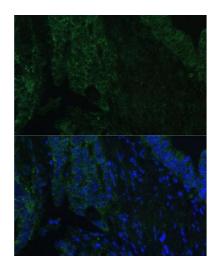
Quantity:	100 μL	
Target:	CLCA1	
Binding Specificity:	AA 22-150	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CLCA1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	

Product Details

Purpose:	CLCA1 Rabbit pAb	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 22-150 of human CLCA1 (NP_001276.2).	
Sequence:	NSLIQLNNNG YEGIVVAIDP NVPEDETLIQ QIKDMVTQAS LYLFEATGKR FYFKNVAILI PETWKTKADY VRPKLETYKN ADVLVAESTP PGNDEPYTEQ MGNCGEKGER IHLTPDFIAG KKLAEYGPQ	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
Purification:	Affinity purification	

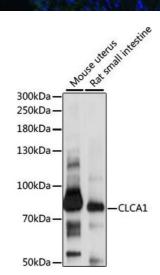
Target Details

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Target:	CLCA1	
Alternative Name:	CLCA1 (CLCA1 Products)	
Background:	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.,CLCA1,CACC,CACC1,CLCRG1,CaCC-1,GOB5,hCLCA1,hCaCC-1,Cancer,Signal	
	Transduction, Endocrine & Metabolism, Neuroscience, Calcium Signaling, CLCA1	
Molecular Weight:	100kDa	
Gene ID:	1179	
UniProt:	A8K7I4	
Application Details		
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	



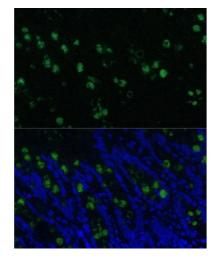
Immunofluorescence

Image 1. Immunofluorescence analysis of human colon carcinoma using CLC Polyclonal Antibody (5041) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CLC antibody (5041) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.



Immunofluorescence

Image 3. Immunofluorescence analysis of rat colon using CLC Polyclonal Antibody (5041) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7266331.