

Datasheet for ABIN7154793

anti-Chloride Channel 5 antibody (AA 553-746)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Chloride Channel 5 (CLCN5)
Binding Specificity:	AA 553-746
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Chloride Channel 5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human H(+)/Cl(-) exchange transporter 5 protein (553-746AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Chloride Channel 5 (CLCN5)
Alternative Name:	CLCN5 (CLCN5 Products)
Background:	Background: Proton-coupled chloride transporter. Functions as antiport system and exchanges chloride ions against protons. Important for normal acidification of the endosome lumen. May

Target Details

play an important role in renal tubular function.

Aliases: Chloride Channel 5 antibody, Chloride channel protein 5 antibody, Chloride channel voltage sensitive 5 antibody, Chloride transporter ClC-5 antibody, ClC-5 antibody, CLC5 antibody, CLCK2 antibody, CLCN5 antibody, CLCN5_HUMAN antibody, DENTS antibody, H(+)/Cl(-) exchange transporter 5 antibody, hClC-K2 antibody, NPHL1 antibody, NPHL2 antibody, Voltage gated chloride ion channel CLCN5 antibody, XLRH antibody, XRN antibody

UniProt: [P51795](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

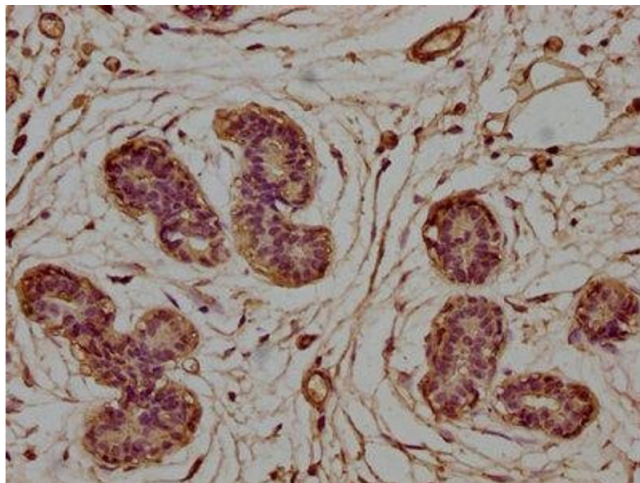
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7154793 diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.