Datasheet for ABIN7434899

anti-CFTR antibody

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Overview

Quantity:	100 µL
Target:	CFTR
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CFTR antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cystic Fibrosis Transmembrane Conductance Regulator (CFTR)
Immunogen:	Recombinant Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) corresdonding to N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CFTR. It has been selected for its ability to recognize CFTR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CFTR

Target Details

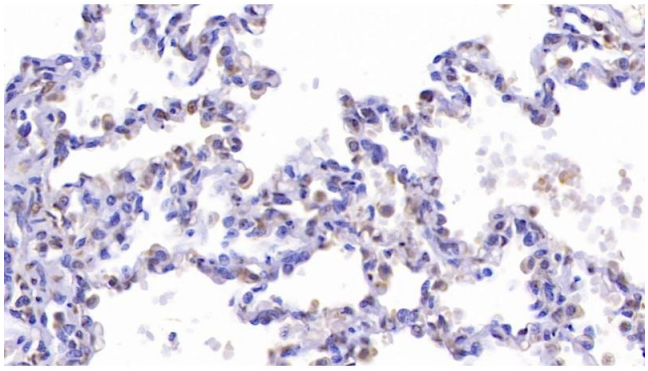
Alternative Name:	Cystic Fibrosis Transmembrane Conductance Regulator (CFTR Products)
Background:	ABC35, ABCC7, CF, CFTR/MRP, MRP7, TNR-CFTR, ATP-Binding Cassette Subfamily C,Member 7, Channel conductance-controlling ATPase, cAMP-dependent chloride channel

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

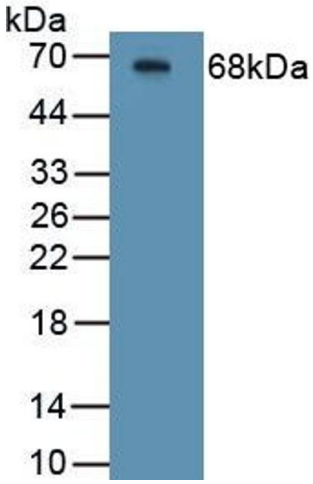
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



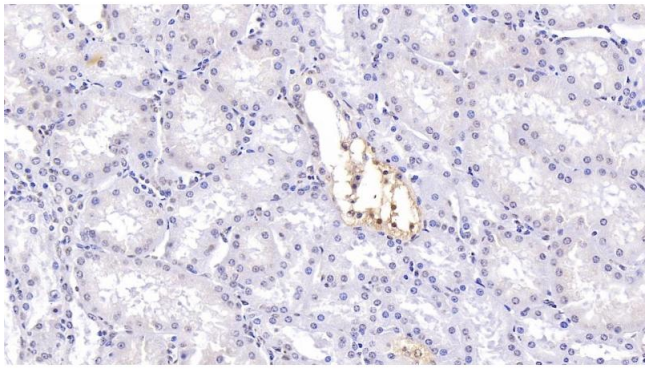
Immunohistochemistry

Image 1. Detection of CFTR in Human Lung Tissue using Polyclonal Antibody to Cystic Fibrosis Transmembrane Conductance Regulator (CFTR)



Western Blotting

Image 2. Detection of Recombinant CFTR, Human using Polyclonal Antibody to Cystic Fibrosis Transmembrane Conductance Regulator (CFTR)



Immunohistochemistry

Image 3. Detection of CFTR in Human Kidney Tissue using Polyclonal Antibody to Cystic Fibrosis Transmembrane Conductance Regulator (CFTR)