Datasheet for ABIN559718

anti-CFTR antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	CFTR
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CFTR antibody is un-conjugated
Application:	Immunofluorescence (IF), Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide derived from Nter domain of human CFTR protein.
Isotype:	IgG
Specificity:	Reacts with human CFTR
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	May cross-react with mouse CFTR due to sequence homology.
Purification:	Antiserum

Target Details

Target:	CFTR
Alternative Name:	Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) (CFTR Products)

Target Details

Background:	Defects in CFTR are the cause of cystic fibrosis (CF) also known as mucoviscidosis.
Gene ID:	1080
UniProt:	P13569

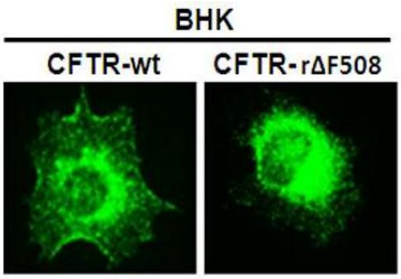
Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : ELISA(1:2000 - 1:32000) WB(1:500 - 1:1000)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Must be reconstituted in distilled water.
Storage:	4 °C/-20 °C
Storage Comment:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	24 months

Images



BHK cells expressing wild-type (wt) CFTR or mutated (rΔF508) CFTR, were fixed, permeabilized, and CFTR protein was detected with the specific anti-CFTR antibody (pab0716) .

Image 1.

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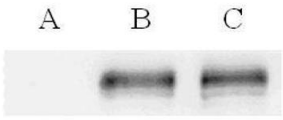
pab0716 : Cystic fibrosis transmembrane conductance regulator (CFTR) antibody



Western blot using pab0716 at 1/500 dilution

Lane A : BHK (baby-hamster kindey) cells
Lane B : BHK cells transfected with CFTR-3HA tag
Lane C : Immunoprecipited wt CFTR from BHK cells extract

Applications : ELISA, IC, IP, WB

Image 2.