

Rabbit CFTR Polyclonal Antibody | anti-CFTR antibody

CFTR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40671	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

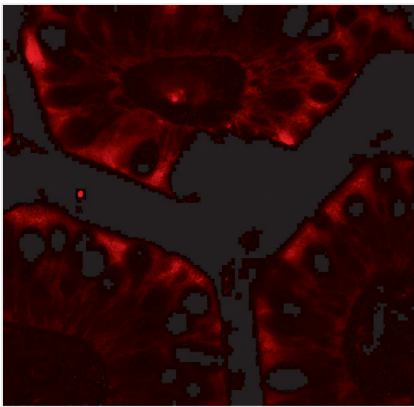
PRODUCT SYNONYMS

CFTR; Polyclonal Antibody; CFTR Antibody; CF; MRP7; ABC35; ABCC7; CFTR/MRP; TNR-CFTR; dJ760C5.1; Cystic fibrosis transmembrane conductance regulator; ATP-binding cassette sub-family C member 7; cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C; member 7); anti-CFTR antibody

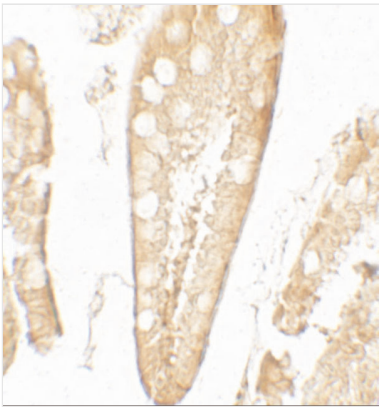
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CFTR antibody is human, mouse and rat reactive.
Purity/Purification	CFTR antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; CFTR Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	1480
Applicable Applications for anti-CFTR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CFTR antibody was raised against an 18 amino acid peptide near the carboxy terminus of human CFTR. The immunogen is located within amino acids 1290 - 1340 of CFTR.
Homology	Predicted species reactivity based on immunogen sequence: Sheep: (100%), Rabbit: (100%), Bovine: (95%), Pig: (89%), Horse: (89%), Guinea pig: (89%)
Positive Control	1) Human Small Intestine Tissue Lysate 2) Human Small Intestine Tissue Slide
Preparation and Storage	CFTR antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

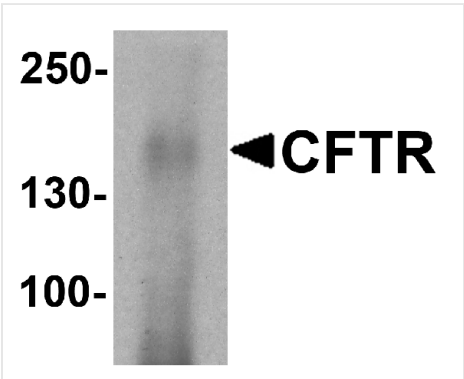
IMAGES



IF (Immunofluorescence)
Immunofluorescence of CFTR in human small intestine tissue with CFTR antibody at 20 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of CFTR in human small intestine tissue with CFTR antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of CFTR in human small intestine tissue lysate with CFTR antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CFTR antibody	The cystic fibrosis transmembrane conductance regulator (CFTR) protein is a member of the ATP-binding cassette (ABC) transporter superfamily, and a member of the MRP subfamily that is involved in multi-drug resistance (1,2). CFTR functions as a chloride channel and controls the regulation of other transport pathways (3). Mutations in this gene are associated with the autosomal recessive disorder cystic fibrosis, the most common, fatal, inherited disease of caucasian populations (1).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	90421313
NCBI GeneID	1080
NCBI Accession #	NP_000483
NCBI GenBank Nucleotide #	NM_000492.3
UniProt Accession #	P13569; Q20BG8; Q20BH2; Q2I0A1; Q2I102
Molecular Weight	Predicted: 163 kDa Observed: 160 kDa
NCBI Official Full Name	cystic fibrosis transmembrane conductance regulator
NCBI Official Synonym Full Names	cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7)
NCBI Official Symbol	CFTR

NCBI Official Synonym Symbols	CF; MRP7; ABC35; ABCC7; CFTR/MRP; TNR-CFTR; dJ760C5.1
NCBI Protein Information	cystic fibrosis transmembrane conductance regulator; cAMP-dependent chloride channel; channel conductance-controlling ATPase
UniProt Protein Name	Cystic fibrosis transmembrane conductance regulator
UniProt Gene Name	CFTR
UniProt Synonym Gene Names	ABCC7; CFTR
UniProt Entry Name	CFTR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cftr-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40671>