

Product datasheet for **TA349025**

CFTR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CFTR antibody was raised against an 18 amino acid peptide near the carboxy terminus of human CFTR.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	CFTR antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 163 kDa; Observed: 160 kDa
Gene Name:	cystic fibrosis transmembrane conductance regulator
Database Link:	NP_000483 Entrez Gene 12638 MouseEntrez Gene 24255 RatEntrez Gene 1080 Human P13569
Background:	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).
Synonyms:	ABC35; ABCC7; CF; CFTR; dj760C5.1; MRP; MRP7; TNR-CFTR

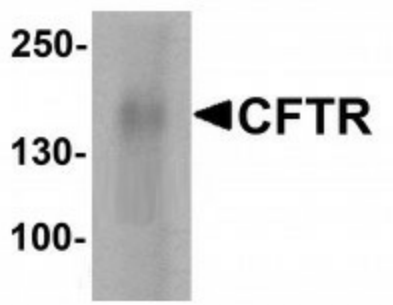


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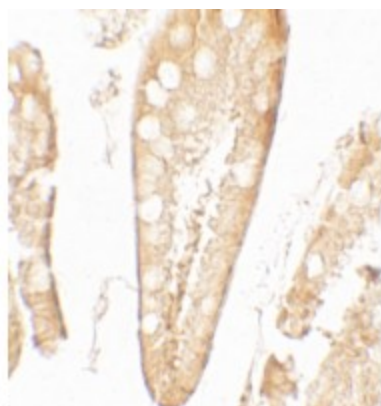
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: ABC transporters, Vibrio cholerae infection

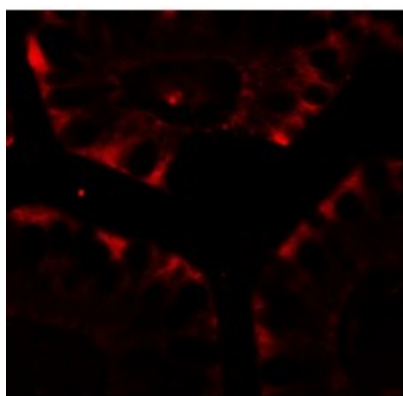
Product images:



Western blot analysis of CFTR in human small intestine tissue lysate with CFTR antibody at 1 ug/mL.



Immunohistochemistry of CFTR in human small intestine tissue with CFTR antibody at 5 ug/mL.



Immunofluorescence of CFTR in human small intestine tissue with CFTR antibody at 20 ug/mL.