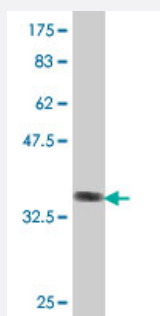


CFTR polyclonal antibody (A01)

Catalog # H00001080-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CFTR.
Immunogen	CFTR (NP_000483, 1381 a.a. ~ 1480 a.a) partial recombinant protein with GST tag.
Sequence	YQIIRRTLKQAFADCTVILCEHRIEAMLECQQFLVIEENKVRQYDSIQKLLNERSLFRQAISPSDRVKL FPHRNSSKCKSKPQIAALKEETEEVQDTRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (66)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CFTR

Entrez GeneID [1080](#)

GeneBank Accession# [NM_000492](#)

Protein Accession# [NP_000483](#)

Gene Name CFTR

Gene Alias ABC35, ABCC7, CF, CFTR/MRP, MRP7, TNR-CFTR, dJ760C5.1

Gene Description cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7)

Omim ID [219700](#) [277180](#) [602421](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the ATP-binding cassette (ABC) transporter superfamily. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily that is involved in multi-drug resistance. The encoded protein functions as a chloride channel and controls the regulation of other transport pathways. Mutations in this gene are associated with the autosomal recessive disorders cystic fibrosis and congenital bilateral aplasia of the vas deferens. Alternatively spliced transcript variants have been described, many of which result from mutations in this gene. [provided by RefSeq]

Other Designations ATP-binding cassette sub-family C, member 7|cystic fibrosis transmembrane conductance regulator

Pathway

- [ABC transporters](#)
- [Vibrio cholerae infection](#)

Disease

- [Abnormalities](#)
- [Acute Disease](#)
- [Acute-Phase Reaction](#)
- [Adenocarcinoma](#)
- [Adrenal hyperplasia](#)
- [Alcoholism](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Aspergillosis](#)
- [Asthenozoospermia](#)
- [Asthma](#)
- [Azoospermia](#)
- [Bacterial Infections](#)
- [Body Weight](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiectasis](#)
- [Burkholderia Infections](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Child Nutrition Disorders](#)
- [Cholangitis](#)
- [Chromosome Aberrations](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Crohn Disease](#)
- [Cryptorchidism](#)

- [Cystic fibrosis](#)
- [Dental Caries](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Exocrine Pancreatic Insufficiency](#)
- [Functional Laterality](#)
- [Gastrointestinal Diseases](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Hyperlipidemias](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Ileus](#)

- [Infant](#)
- [Infection](#)
- [Infertility](#)
- [Inflammatory Bowel Diseases](#)
- [Intestinal Obstruction](#)
- [Intussusception](#)
- [Klinefelter Syndrome](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Maxillary Sinusitis](#)
- [Mycobacterium Infections](#)
- [Nasal Polyps](#)
- [Neoplasms](#)
- [Nutrition Disorders](#)
- [Oligospermia](#)
- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Diseases](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Paranasal Sinus Diseases](#)
- [Pneumonia](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)

- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Protein-Energy Malnutrition](#)
- [Proteinuria](#)
- [Pseudomonas Infections](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Insufficiency](#)
- [Respiratory Tract Diseases](#)
- [Respiratory Tract Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Sex Chromosome Aberrations](#)
- [Sinusitis](#)
- [Staphylococcal Infections](#)
- [Steatorrhea](#)
- [Stress](#)
- [Translocation](#)
- [Typhoid Fever](#)
- [Urogenital Abnormalities](#)
- [Uterine Diseases](#)