
CFTR Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251639

Unit: 0.1 mg

Description:

Cystic fibrosis transmembrane conductance regulator (CFTR), a ABC transporter, is involved in the transport of chloride ions and regulates bicarbonate secretion in epithelial cells by regulating the SLC4A7 transporter. CFTR is localized in aggresome bodies when proteasome's degradative capacity is exceeded and lysosomal degradation is engaged via autophagy. Defects in CFTR are the cause of cystic fibrosis.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B, D

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CFTR; Cystic fibrosis transmembrane conductance regulator; Channel conductance-controlling ATPase; cAMP-dependent chloride channel; ATP-binding cassette transporter sub-family C member 7; ABCC7

Accession No.: P13569

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CFTR.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.