

Anti-CFTR
(Cystic fibrosis transmembrane conductance regulator)
Polyclonal Antibody

Cat. #: 60B555

Description:

CFTR (Cystic fibrosis transmembrane conductance regulator) is involved in the transport of chloride ions and binds SLC9A3R1. CFTR is an integral membrane protein. Defects in CFTR are the cause of cystic fibrosis (CF) ; also known as mucoviscidosis. It belongs to the ABC transporter family and MRP subfamily.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human CFTR (Cystic fibrosis transmembrane conductance regulator)

References

Riordan,J.R., et al, Science 245 (4922), 1066-1073 (1989)
Zielenski,J., et al, Genomics 10 (1), 214-228 (1991)
Picciotto,M.R., et al, J. Biol. Chem. 267 (18), 12742-12752 (1992)
Neville,D.C., et al, Protein Sci. 6 (11), 2436-2445 (1997)
Hoedemaeker,F.J., et al, Proteins 30 (3), 275-286 (1998)
Karthikeyan,S., et al, J. Biol. Chem. 276 (23), 19683-19686 (2001)
Tsui,L.C., Hum. Mutat. 1 (3), 197-203 (1992)
Cutting,G.R., et al, Nature 346 (6282), 366-369 (1990)

Species: Human, sheep
Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)