

## Rabbit CFTR Polyclonal Antibody | anti-CFTR antibody

Rabbit anti-CFTR Antibody

|                               |                       |                                                        |                                                           |
|-------------------------------|-----------------------|--------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA223414</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Monkey, Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|--------------------------------------------------------|-----------------------------------------------------------|

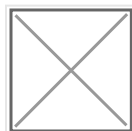
### PRODUCT SYNONYMS

CFTR; Polyclonal Antibody; Rabbit anti-CFTR Antibody; ABCC7; Cystic fibrosis transmembrane conductance regulator; ATP-binding cassette sub-family C member 7; Channel conductance-controlling ATPase; cAMP-dependent chloride channel; anti-CFTR antibody

### PRODUCT SPECIFICATIONS

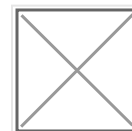
|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Mouse, Rat, Monkey, Rabbit                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                          |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                           |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                                              |
| Applicable Applications for anti-CFTR antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CFTR. The exact sequence is proprietary. |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CFTR staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of CFTR expression in SHSY5Y (A), NIH3T3 (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-CFTR antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 90421313 |
| NCBI GeneID | 1080     |

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_000483.3</a>                                                                                                  |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000492.3</a>                                                                                                  |
| UniProt Accession #              | <a href="#">P13569</a> ; <a href="#">P26361</a> ; <a href="#">P34158</a>                                                     |
| Molecular Weight                 | 168,142 Da                                                                                                                   |
| 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                | <b>CFTR</b>                                                                                                                  |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cftr-antibody-immunohistochemistry-western-blot-elisa/223414>