

Datasheet for ABIN4996717

## anti-APOE antibody (AA 101-180) (AbBy Fluor® 750)



[Go to Product page](#)

### Overview

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                            |
| Target:              | APOE                                                                                                                              |
| Binding Specificity: | AA 101-180                                                                                                                        |
| Reactivity:          | Human, Mouse, Rat                                                                                                                 |
| Host:                | Rabbit                                                                                                                            |
| Clonality:           | Polyclonal                                                                                                                        |
| Conjugate:           | This APOE antibody is conjugated to AbBy Fluor® 750                                                                               |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

### Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human APOE3 |
| Isotype:              | IgG                                                       |
| Specificity:          | This antibody may detect APOE2, APOE3, and APOE4          |
| Cross-Reactivity:     | Human, Mouse, Rat                                         |
| Predicted Reactivity: | Cow,Pig                                                   |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|         |      |
|---------|------|
| Target: | APOE |
|---------|------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | APOE ( <a href="#">APOE Products</a> )                                                                                                                                                                                                                                                         |
| Background:       | Synonyms: AD2, LPG, APO-E, LDLCQ5, Apolipoprotein E, APOE<br>Background: Mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues. |
| Gene ID:          | 348                                                                                                                                                                                                                                                                                            |
| UniProt:          | <a href="#">P02649</a>                                                                                                                                                                                                                                                                         |
| Pathways:         | <a href="#">Regulation of Cell Size</a> , <a href="#">Lipid Metabolism</a>                                                                                                                                                                                                                     |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |