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## **Apo-E Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250544

**Unit:** 0.1 mg

### **Description:**

Apolipoprotein E (Apo-E) is a protein component of plasma lipoprotein that mediates the binding, internalization and catabolism of lipoprotein particles. Apo-E can serve as a ligand for the LDL (Apo-B/E) receptor and for the specific Apo-E receptor (chylomicron remnant) of hepatic tissues. Apo-E is present in all lipoprotein fractions in plasma and constitutes 10-20% of very low density lipoproteins (VLDL) and 1-2% of high density lipoproteins (HDL). Apo-E is produced in most organs. Defects in Apo-E are a cause of hyperlipoproteinemia type III (lipid deposits in palms, tendons and elbows), sea-blue histiocyte disease (splenomegaly, thrombocytopenia), and lipoprotein glomerulopathy.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** M, R

**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:** Apolipoprotein E; Apo-E; APOE

**Accession No.:** P02649

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of mouse Apo-E.

**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.