

## APOE

**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**36kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human APOE

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

APOE;AD2;LDLCQ5;LPG;MGC1571;

**Catalog #:**A0304

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**348

**Isotype:**IgG

**Swiss Prot:**P02649

**Purity:**Affinity purification

For research use only.

**Background:**

The apolipoprotein E(APOE) is a 299-amino acid polypeptide that mediates the binding, internalization, and catabolism of lipoprotein particles, and also serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues. The very strong association of the APOE 4 allele with AD risk and its role in the accumulation of amyloid in brains of people and animal models solidify the biological relevance of apoE isoforms but do not provide mechanistic insight

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