

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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