

Goat anti-APOE Antibody

Item Number	dAP-0658
Target Molecule	Principle Name: APOE; Official Symbol: APOE; All Names and Symbols: APOE; AD2; MGC1571; apoprotein; apolipoprotein E; apolipoprotein E3; Alzheimer disease 2 (APOE*E4-associated, late onset); LPG; Accession Number (s): NP_000032.1; Human Gene ID(s): 348; Non-Human GeneID(s):
Immunogen	VGTSAAPVPSDNH, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Approx. 36kDa band observed in Human Brain lysates (calculated MW of 36.2kDa according to NP_000032.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Dodart JC, Marr RA, Koistinaho M, Gregersen BM, Malkani S, Verma IM, Paul SM. Gene delivery of human apolipoprotein E alters brain A β burden in a mouse model of Alzheimer's disease. Proc Natl Acad Sci U S A. 2005 Jan 25;102(4):1211-6. Epub 2005 Jan 18. .PMID: 15657137 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**