

Product datasheet for TA326636

Apolipoprotein E (APOE) Rabbit Polyclonal Antibody

Product data:

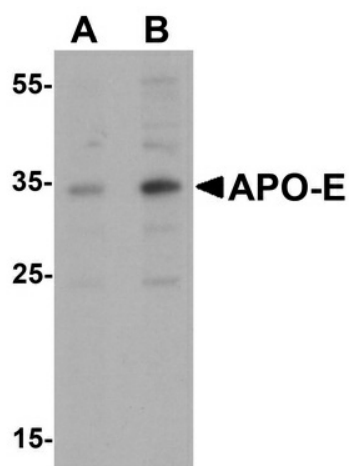
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	APO-E antibody was raised against a 19 amino acid peptide near the carboxy terminus of human APO-E.
Formulation:	APO-E Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	APO-E Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 35 kDa; Observed: 34 kDa
Gene Name:	apolipoprotein E
Database Link:	NP_000032 Entrez Gene 11816 Mouse Entrez Gene 25728 Rat Entrez Gene 348 Human P02649
Background:	APO-E Antibody: Chylomicron remnants and very low density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver. Apolipoprotein E (APO-E), a main apoprotein of the chylomicron, binds to a specific receptor on liver cells and peripheral cells and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. Defects in APO-E result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants.
Synonyms:	AD2; APO-E; LDLQC5; LPG


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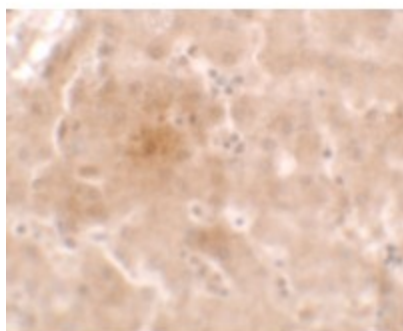
Protein Families: Adult stem cells, Druggable Genome, Secreted Protein, Stem cell - Pluripotency

Protein Pathways: Alzheimer's disease

Product images:



Western blot analysis of APO-E in human brain tissue lysate with APO-E antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of APO-E in human liver tissue with APO-E antibody at 2.5 ug/ml.