

Rabbit APO-E Polyclonal Antibody | anti-APOE antibody

APO-E Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40599	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, ELISA

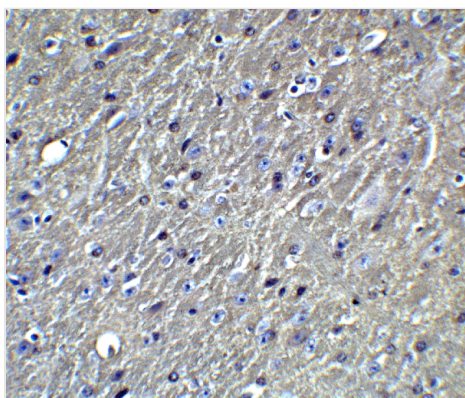
PRODUCT SYNONYMS

APO-E; Polyclonal Antibody; APO-E Antibody; AD2; LPG; LDLCQ5; Apolipoprotein E; Apo-E; apolipoprotein E; anti-APOE antibody

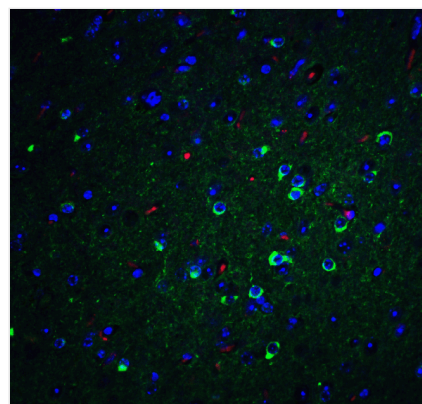
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APO-E Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; APO-E Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-APOE antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Homology	Predicted species reactivity based on immunogen sequence: Pig: (78%)
Immunogen	APO-E antibody was raised against a 19 amino acid peptide near the carboxy terminus of human APO-E. The immunogen is located within amino acids 220 - 270 of APO-E.
Positive Control	1) Human Brain Tissue Lysate 2) Human Liver Tissue Slide
Preparation and Storage	Short Term: 4°C Long Term: -20°C

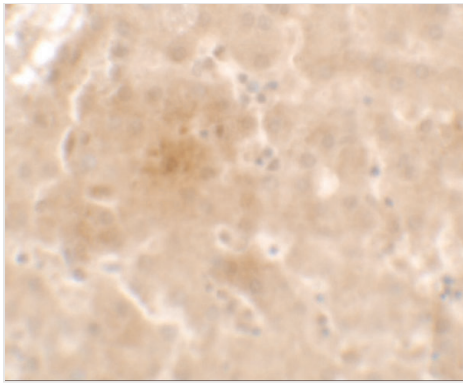
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of APO E in mouse brain tissue with APO E Antibody at 5 &#956;g/mL.

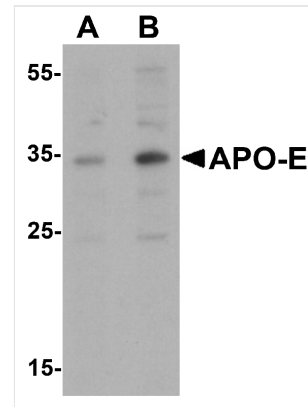

IF (Immunofluorescence)

Immunofluorescence of APO E in mouse brain tissue with APO E Antibody at 20 &#956;g/mL. Green: APO E antibody (7333) Red: Phalloidin staining Blue: DAPI staining



IHC (Immunohistochemistry)

Immunohistochemistry of APO-E in human liver tissue with APO-E antibody at 2.5 µg/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-APOE antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032
NCBI GenBank Nucleotide #	NM_000041.3
UniProt Accession #	P02649; Q9P2S4; B2RC15; C0JYY5
Molecular Weight	Predicted: 35 kDa Observed: 34 kDa
NCBI Official Full Name	apolipoprotein E isoform b
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; APO-E; LDLCQ5
NCBI Protein Information	apolipoprotein E; apolipoprotein E3
UniProt Protein Name	Apolipoprotein E
UniProt Gene Name	APOE
UniProt Synonym Gene Names	Apo-E
UniProt Entry Name	APOE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apo-e-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/40599>