

Rabbit anti-Human APOE Polyclonal Antibody | anti-APOE antibody

APOE antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23552	Rabbit	Human	Western Blot, Immunohistochemistry

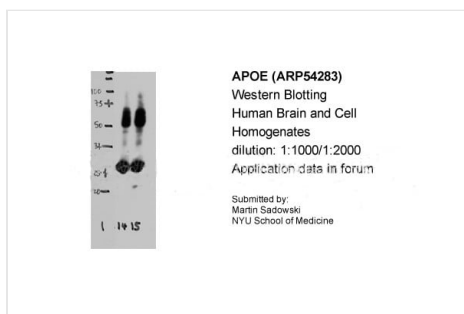
PRODUCT SYNONYMS

APOE; Polyclonal Antibody; APOE antibody - N-terminal region; anti-APOE antibody

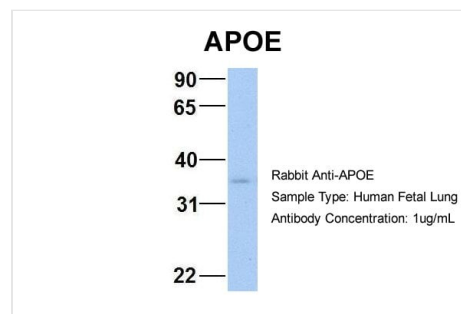
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KV LWAALLVTFL AGCQAKVEQA VETEPEPELR QQTEWQSGQR WELALGRF
Sequence Length	317
Applicable Applications for anti-APOE antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human APOE
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

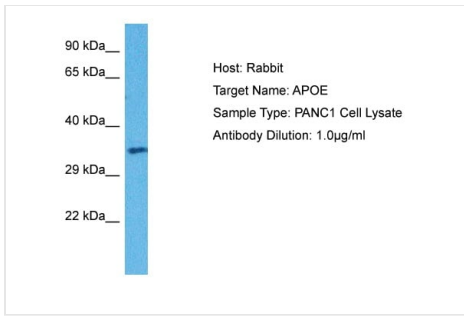
IMAGES


WB (Western Blot)

Human Brain and cell Homogenates Dilution : 1:1000/ 1:2000

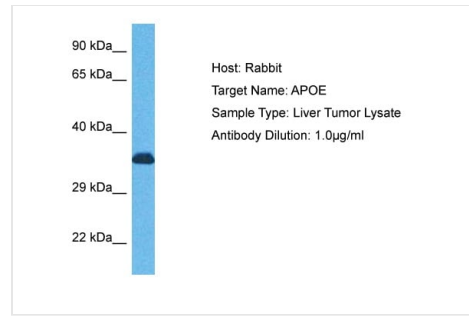

WB (Western Blot)

Host: Rabbit Target Name: NSUN6 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml



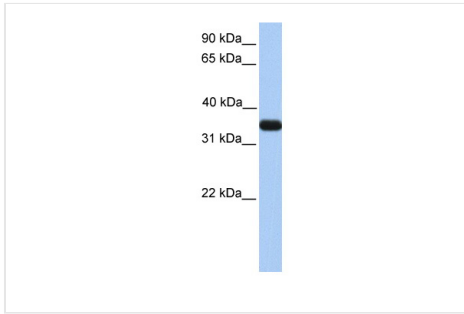
WB (Western Blot)

Host: RabbitTarget Name: APOESample Tissue: Human PANC1 Whole CellAntibody Dilution: 1ug/ml



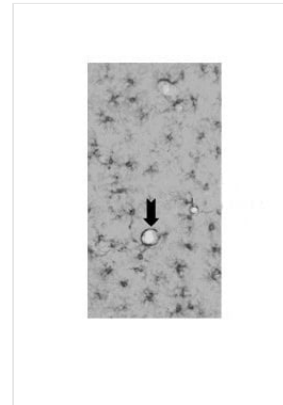
WB (Western Blot)

Host: RabbitTarget Name: APOESample Tissue: Human Liver TumorAntibody Dilution: 1ug/ml



WB (Western Blot)

Sample Type: Human Fetal liverAPOE antibody - N-terminal region validated by WB using Fetal liver cell lysate at 1ug/ml.



WB (Western Blot)

Sample Type: Mouse brainAPOE antibody - N-terminal region validated by WB using brain lysate at 1: 1,000.

ADDITIONAL INFORMATION

Related Product Information for anti-APOE antibody	This is a rabbit polyclonal antibody against APOE. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Chylomicron remnants and very low density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver. Apolipoprotein E, a main apoprotein of the chylomicron, binds to a specific receptor on liver cells and peripheral cells. ApoE is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. Defects in apolipoprotein 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.Chylomicron remnants and very low density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver. Apolipoprotein E, a main apoprotein of the chylomicron, binds to a specific receptor on liver cells and peripheral cells. ApoE is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. The APOE gene is mapped to chromosome 19 in a cluster with APOC1 and APOC2. Defects in apolipoprotein 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-APOE antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Neuroscience; Immunohistochemistry; Receptors; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032

NCBI GenBank Nucleotide #	NM_000041
UniProt Accession #	P02649
Molecular Weight	34kDa
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; ApoE4; LDLCQ5
NCBI Protein Information	apolipoprotein E
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/apoe-antibody-western-blot-immunohistochemistry-elisa/23552>