

Rabbit anti-Human, Mouse Apolipoprotein E Monoclonal Antibody | anti-APOE antibody

Apolipoprotein E Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312251	Rabbit	Human, Mouse	Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

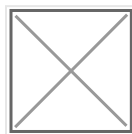
PRODUCT SYNONYMS

Apolipoprotein E; Monoclonal Antibody; Apolipoprotein E Antibody; AD2 antibody; Apo-E antibody; APOE antibody; APOE_HUMAN antibody; APOEA antibody; Apolipoprotein E antibody; Apolipoprotein E3 antibody; ApolipoproteinE antibody; Apoprotein antibody; LDLCQ5 antibody; LPG antibody; anti-APOE antibody

PRODUCT SPECIFICATIONS

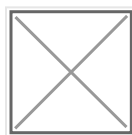
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	SC0536
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-APOE antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



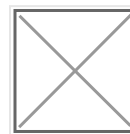
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Apolipoprotein E antibody. Counter stained with hematoxylin.



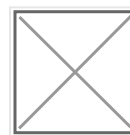
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Apolipoprotein E antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Apolipoprotein E antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Apolipoprotein E antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Apolipoprotein E on human kidney lysates using anti-Apolipoprotein E antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-APOE antibody	Apolipoprotein-E (apoE) is a protein component of plasma lipoproteins that mediates the binding, internalization and catabolism of lipoprotein particles. It can serve as a ligand for several lipoprotein receptors, including the LDL (ApoB/E) receptor and the hepatic apoE (chylomicron remnant) receptor. apoE is produced in most organs and occurs in all plasma lipoprotein fractions, constituting 10-20% of VLDL (very low density lipoprotein) and 1-2% of HDL (high density lipoprotein). Three major isoforms of apoE have been described in human (E2, E3 and E4) which differ by only one or two amino acids. Estrogen receptor has been shown to upregulate apoE gene expression via the ERα-mediated pathway, indicating a potential role for apoE in atherosclerosis. This is consistent with studies in mice in which plasma apoE levels were raised, thereby protecting the mice from diet-induced atherosclerosis. apoE has also been shown to be a potent inhibitor of proliferation and thus may play a role in angiogenesis, tumor cell growth and metastasis.
Product Categories/Family for anti-APOE antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032.1
NCBI GenBank Nucleotide #	NM_000041.2
UniProt Accession #	P02649; Q9P2S4; B2RC15; C0JYY5
Molecular Weight	36,154 Da
NCBI Official Full Name	apolipoprotein E
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; LDLCQ5
NCBI Protein Information	apolipoprotein E; apo-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/monoclonal/apolipoprotein-e-antibody-clone-sc0536-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312251>