

Rabbit APOB Polyclonal Antibody | anti-APOB antibody

APOB Rabbit Polyclonal Antibody

CATALOG # AAA313391	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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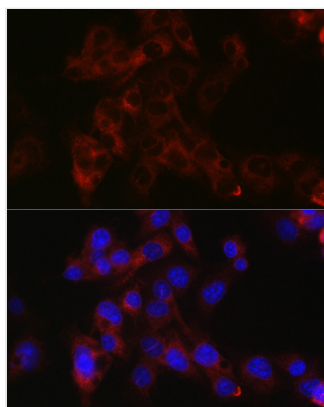
PRODUCT SYNONYMS

APOB; Polyclonal Antibody; APOB Rabbit Polyclonal Antibody; FLDB; LDLCQ4; apoB-100; apoB-48; anti-APOB antibody

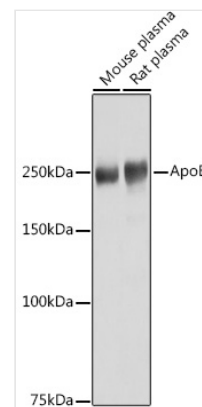
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-APOB antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ApoB (NP_000375.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using ApoB Rabbit pAb.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ApoB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-APOB antibody	This gene product is the main apolipoprotein of chylomicrons and low density lipoproteins. It occurs in plasma as two main isoforms, apoB-48 and apoB-100: the former is synthesized exclusively in the gut and the latter in the liver. The intestinal and the hepatic forms of apoB are encoded by a single gene from a single, very long mRNA. The two isoforms share a common N-terminal sequence. The shorter apoB-48 protein is produced after RNA editing of the apoB-100 transcript at residue 2180 (CAA->UAA), resulting in the creation of a stop codon, and early translation termination. Mutations in this gene or its regulatory region cause hypobetalipoproteinemia, normotriglyceridemic hypobetalipoproteinemia, and hypercholesterolemia due to ligand-defective apoB, diseases affecting plasma cholesterol and apoB levels.
Product Categories/Family for anti-APOB antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	28780
NCBI GeneID	338
UniProt Accession #	P04114; O00502; P78479; P78480; P78481; Q13779; Q13785; Q13786; Q13787; Q13788; Q4ZG63; Q53QC8
Molecular Weight	515,605 Da
NCBI Official Full Name	apo-B100
NCBI Official Synonym Full Names	apolipoprotein B
NCBI Official Symbol	APOB
NCBI Official Synonym Symbols	FLDB; LDLCQ4
NCBI Protein Information	apolipoprotein B-100; apoB-48; apoB-100; apo B-100; mutant Apo B 100; apolipoprotein B48; apolipoprotein B (including Ag(x) antigen)
UniProt Protein Name	Apolipoprotein B-100
UniProt Gene Name	APOB
UniProt Synonym Gene Names	Apo B-100; Apo B-48
UniProt Entry Name	APOB_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/apob-antibody-immunofluorescence-western-blot-elisa/313391>