

Rabbit anti-Human APOC3 Polyclonal Antibody | anti-APOC3 antibody

APOC3 Antibody (C-term)

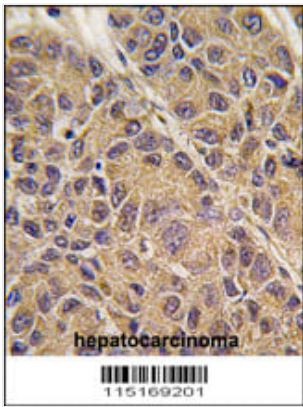
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290708	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

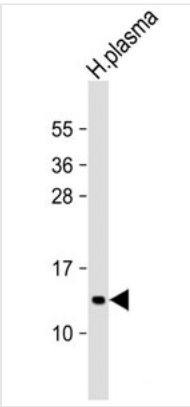
APOC3; Polyclonal Antibody; APOC3 Antibody (C-term); Apolipoprotein C-III; Apo-CIII; ApoC-III; Apolipoprotein C3; anti-APOC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This APOC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70~99 amino acids from the C-term region of human APOC3.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Length	99
Applicable Applications for anti-APOC3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Secreted.
Calculated MW	10852
Tissue Location	Liver
Antigen Region	70-99
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with APOC3 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Anti-APOC3 Antibody (C-term) at 1:2000 dilution + human plasma lysate. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-APOC3 antibody	Description: Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcribed. An increase in apoC-III levels induces the development of hypertriglyceridemia. Background: Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma. Plays a multifaceted role in triglyceride homeostasis. Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assembly and secretion; extracellularly, attenuates hydrolysis and clearance of triglyceride-rich lipoproteins (TRLs). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors.
Product Categories/Family for anti-APOC3 antibody	Primary Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Liu, Y., Pharmacogenet. Genomics 19 (2), 161-169 (2009). Pollin, T.I., Science 322 (5908), 1702-1705 (2008).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557323
NCBI GeneID	345
NCBI Accession #	NP_000031.1
NCBI GenBank Nucleotide #	NM_000040.1
UniProt Accession #	P02656; Q08E83; Q6Q786
NCBI Official Full Name	apolipoprotein C-III
NCBI Official Synonym Full Names	apolipoprotein C3
NCBI Official Symbol	APOC3
NCBI Official Synonym Symbols	HALP2; APOCIII
NCBI Protein Information	apolipoprotein C-III
UniProt Protein Name	Apolipoprotein C-III
UniProt Gene Name	APOC3

UniProt Synonym Gene Names	Apo-CIII; ApoC-III
UniProt Entry Name	APOC3_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/apoc3-antibody-immunohistochemistry-western-blot-elisa/290708>