

Rabbit APOC2 Polyclonal Antibody | anti-APOC2 antibody

APOC2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289576	Rabbit	Human (Predicted Reactivity: Monkey)	Immunohistochemistry, ELISA, Western Blot

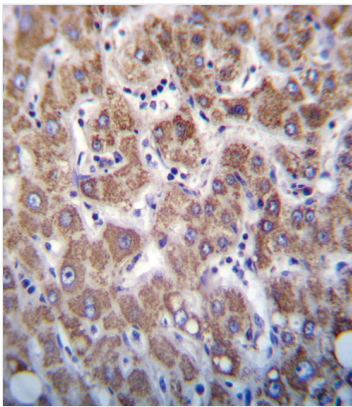
PRODUCT SYNONYMS

APOC2; Polyclonal Antibody; APOC2 Antibody (Center); Apolipoprotein C-II; Apo-CII; ApoC-II; Apolipoprotein C2; Proapolipoprotein C-II; ProapoC-II; APC2; anti-APOC2 antibody

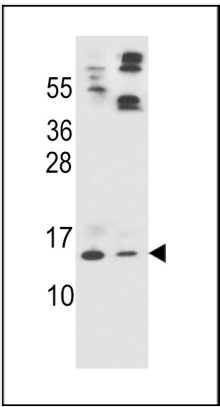
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APOC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-73 amino acids from the Central region of human APOC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	45-73
Sequence Length	101
Applicable Applications for anti-APOC2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
APOC2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of APOC2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
APOC2 Antibody (Center) western blot analysis in HL-60(lane 1),A549(lane 2) cell line lysates (35ug/lane).This demonstrates the APOC2 antibody detected the APOC2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-APOC2 antibody	APOC2 is secreted in plasma where it is a component of very low density lipoprotein. The protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in the gene encoding this protein cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis.
Product Categories/Family for anti-APOC2 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Bahri,R., Lipids Health Dis 7, 46 (2008) Hegele,R.A., Dis. Markers 9 (2), 73-80 (1991) Bengtsson-Olivecrona,G., Eur. J. Biochem. 192 (2), 515-521 (1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32130518
NCBI GeneID	344
NCBI Accession #	NP_000474.2
NCBI GenBank Nucleotide #	NM_000483.4
UniProt Accession #	P02655; Q9BS39; Q9UDE3; Q9UNK3; C0JYY4
Molecular Weight	11284
NCBI Official Full Name	apolipoprotein C-II
NCBI Official Synonym Full Names	apolipoprotein C-II
NCBI Official Symbol	APOC2
NCBI Official Synonym Symbols	APO-CII; APOC-II
NCBI Protein Information	apolipoprotein C-II
UniProt Protein Name	Apolipoprotein C-II
UniProt Gene Name	APOC2
UniProt Synonym Gene Names	APC2; Apo-CII; ApoC-II; ProapoC-II
UniProt Entry Name	APOC2_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/apoc2-antibody-immunohistochemistry-western-blot-elisa/289576>