

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

APOO Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289603	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

APOO; Polyclonal Antibody; APOO Antibody (N-term); Apolipoprotein O; Protein FAM121B; FAM121B; anti-APOO antibody

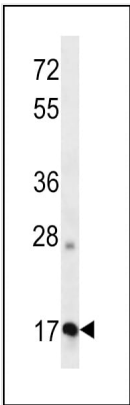
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APOO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human APOO.
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	9-38
Sequence Length	180
Applicable Applications for anti-APOO 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)
APOO Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of APOO Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
APOO Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the APOO antibody detected the APOO protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-APOO antibody	This gene is a member of the apolipoprotein family. Members of this protein family are involved in the transport and metabolism of lipids. The encoded protein associates with HDL, LDL and VLDL lipoproteins and is characterized by chondroitin-sulfate glycosylation. This protein may be involved in preventing lipid accumulation in the myocardium in obese and diabetic patients. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 4, 5, 12 and 16.
Product Categories/Family for anti-APOO antibody	Cardiovascular; Metabolism
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Lamant, M., et al. J. Biol. Chem. 281(47):36289-36302(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13129148
NCBI GeneID	79135
NCBI Accession #	NP_077027.1
NCBI GenBank Nucleotide #	NM_024122.4
UniProt Accession #	Q9BUR5; Q9H3J9; B2R4K9
Molecular Weight	22285
NCBI Official Full Name	apolipoprotein O
NCBI Official Synonym Full Names	apolipoprotein O
NCBI Official Symbol	APOO
NCBI Official Synonym Symbols	MIC26; Mic23; My025; FAM121B
NCBI Protein Information	apolipoprotein O

UniProt Protein Name	Apolipoprotein O
UniProt Gene Name	APOO
UniProt Synonym Gene Names	FAM121B
UniProt Entry Name	APOO_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://www.aaabiotech.com/polyclonal/apoo-antibody-immunohistochemistry-western-blot-elisa/289603>