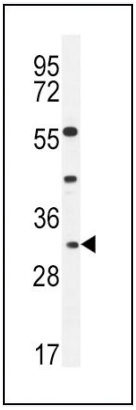
APOF Antibody – Rabbit Polyclonal

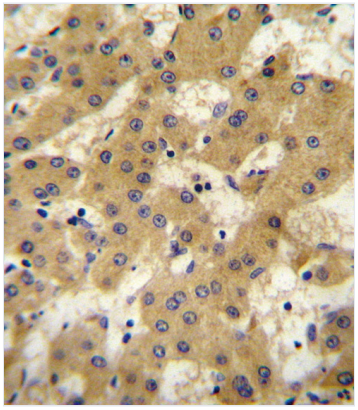
PRODUCT OVERVIEW

Product Name	APOF, Polyclonal Antibody
Full Product Name	APOF, ID (APOF, Apolipoprotein F, Lipid transfer inhibitor protein) (PE)
Product Gene Name	anti-APOF antibody
Product Synonym Names	APOF; Apolipoprotein F; Lipid transfer inhibitor protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	35,399 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (56754355..56756583, complement). Location: 12q13.3
OMIM	107760
3D Structure	ModBase 3D Structure for Q13790
Immunogen	APOF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-128 amino acids from the Central region of human APOF.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-APOF antibody	Antibodies; Lipoproteins
Applications Tested/Suitable for anti-APOF antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-APOF antibody	IHC: 1:50-100 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-APOF antibody	The product of this gene is one of the minor apolipoproteins found in plasma. This protein forms complexes with lipoproteins and may be involved in transport and/or esterification of cholesterol.
Product References and Citations for anti-APOF antibody	Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010). Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010). Chen, S.N., et al. BMC Med. Genet. 10, 111 (2009): He, Y., et al. J. Lipid Res. 49(7):1529-1537(2008). Morton, R.E., et al. J. Lipid Res. 49(1):127-135(2008).

Other Notes	Small volumes of anti-APOF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for APOF purchase	MBS6274499 is an antibody targeting APOF. Also known as APOF, ID (APOF, Apolipoprotein F, Lipid transfer inhibitor protein) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-APOF antibody
APOF Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the APOF antibody detected the APOF protein (arrow).



Immunohistochemistry (IHC) of anti-APOF antibody
APOF antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of the APOF antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APOF. It may not necessarily be applicable to this product.

NCBI GI #	4502165
NCBI GeneID	319
NCBI Accession #	NP_001629.1
UniProt Primary Accession #	Q13790
UniProt Secondary Accession #	Q8TC13
UniProt Related Accession #	Q13790
GenBank Nucleotide #	NM_001638.2
NCBI Official Full Name	apolipoprotein F
NCBI Official Synonym Full Names	apolipoprotein F
NCBI Official Symbol	APOF
NCBI Official Synonym Symbols	LTIP; Apo-F
UniProt Protein Name	Apolipoprotein F
UniProt Synonym Protein Names	Lipid transfer inhibitor protein
Protein Family	Apolipoprotein
UniProt Gene Name	APOF
UniProt Synonym Gene Names	Apo-F; LTIP
UniProt Entry Name	APOF_HUMAN
NCBI Protein Information	apolipoprotein F; lipid transfer inhibitor protein

UniProt Comments for APOF	APOF: Minor apolipoprotein that associates with LDL. Inhibits cholesteryl ester transfer protein (CETP) activity and appears to be an important regulator of cholesterol transport. Also associates to a lesser degree with VLDL, Apo-AI and Apo-AII. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 12q13.3 Cellular Component: extracellular region Molecular Function: lipid transporter activity; cholesterol binding; receptor binding Biological Process: cholesterol metabolic process; triacylglycerol metabolic process; cholesterol efflux; lipid metabolic process; lipid transport
Research Articles on APOF	**1.** LTIP translocation is dependent on LDL lipid composition
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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