APOM Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	APOM, Polyclonal Antibody
Full Product Name	APOM Antibody, HRP conjugated
Product Gene Name	anti-APOM antibody
Product Synonym Names	Apolipoprotein M (Apo-M) (ApoM) (Protein G3a); APOM; G3A NG20
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Purity/Purification	>95%, Antigen Affinity purified & Affinity purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	21,253 Da
Chromosome Location	Chromosome: 6; NC_000006.11 (31620187..31625987). Location: 6p21.33
OMIM	606907
3D Structure	ModBase 3D Structure for O95445
Conjugation	HRP
Immunogen	Recombinant Human Apolipoprotein M protein (1-188AA)
Product Categories/Family for anti-APOM antibody	Others
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-APOM antibody	ELISA (EIA)
Related Product Information for anti-APOM antibody	Probably involved in lipid transport. Can bind sphingosine-1-phosphate, myristic acid, palmitic acid and stearic acid, retinol, all-trans-retinoic acid and 9-cis-retinoic acid.
Other Notes	Small volumes of anti-APOM 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 APOM purchase	MBS7136029 is an antibody targeting APOM. Also known as APOM Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	371873523

NCBI GeneID	55937
NCBI Accession #	NP_001243098.1
UniProt Primary Accession #	O95445
UniProt Secondary Accession #	Q5SRP4; Q9P046; Q9UMP6; B0UX98
UniProt Related Accession #	O95445
GenBank Nucleotide #	NM_001256169.1
NCBI Official Full Name	apolipoprotein M isoform 2
NCBI Official Synonym Full Names	apolipoprotein M
NCBI Official Symbol	APOM
NCBI Official Synonym Symbols	G3a; NG20; apo-M; HSPC336
UniProt Protein Name	Apolipoprotein M
UniProt Synonym Protein Names	Protein G3a
Protein Family	Apolipoprotein
UniProt Gene Name	APOM
UniProt Synonym Gene Names	G3A; NG20; Apo-M; ApoM
UniProt Entry Name	APOM_HUMAN
NCBI Protein Information	apolipoprotein M; protein G3a; NG20-like protein; alternative name: G3a, NG20
NCBI Summary for APOM	The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Alternate splicing results in both coding and non-coding variants of this gene. [provided by RefSeq, Jan 2012]
UniProt Comments for APOM	APOM: Probably involved in lipid transport. Can bind sphingosine-1-phosphate, myristic acid, palmitic acid and stearic acid, retinol, all-trans-retinoic acid and 9-cis-retinoic acid. Plasma protein. Expressed in liver and kidney. Belongs to the calycin superfamily. Lipocalin family. Highly divergent. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 6p21.33 Cellular Component: integral to plasma membrane Molecular Function: lipid transporter activity; antioxidant activity; phospholipid binding Biological Process: cholesterol homeostasis; reverse cholesterol transport; response to glucose stimulus; cholesterol efflux; lipoprotein metabolic process
Research Articles on APOM	**1.** Vascular endothelial growth factor downregulates apolipoprotein M expression
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.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/apom/7136029