PLIN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PLIN2, Polyclonal Antibody
Full Product Name	PLIN2
Product Gene Name	anti-PLIN2 antibody
Product Synonym Names	ADFP; ADRP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity purification
Preparation and Storage	Aliquot and store at-20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	48kDa
OMIM	103195
3D Structure	ModBase 3D Structure for Q99541
Immunogen	Recombinant protein of human PLIN2
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PLIN2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-PLIN2 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-PLIN2 antibody	The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene.
Other Notes	Small volumes of anti-PLIN2 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 PLIN2 purchase	MBS8535867 is an antibody targeting PLIN2. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLIN2. It may not necessarily be applicable to this product.

NCBI GI #	34577059
NCBI GeneID	123

NCBI Accession #	NP_001113.2
UniProt Primary Accession #	Q99541
UniProt Secondary Accession #	Q9BSC3
UniProt Related Accession #	Q99541
GenBank Nucleotide #	NM_001122.3
NCBI Official Full Name	perilipin-2
NCBI Official Synonym Full Names	perilipin 2
NCBI Official Symbol	PLIN2
NCBI Official Synonym Symbols	ADFP; ADRP
UniProt Protein Name	Perilipin-2
UniProt Synonym Protein Names	Adipophilin; Adipose differentiation-related protein; ADRP
Protein Family	Perilipin
UniProt Gene Name	PLIN2
UniProt Synonym Gene Names	ADFP; ADRP
NCBI Protein Information	perilipin-2
UniProt Comments for PLIN2	May be involved in development and maintenance of adipose tissue.
Research Articles on PLIN2	**1.** ADRP knockdown significantly inhibited PDGFinduced increases in Vascular smooth muscle cell viability, caused G1 phase cell cycle arrest and decreased PCNA 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/plin2/8535867