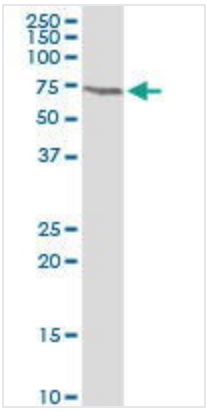
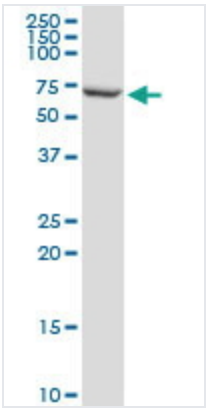
PLIN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

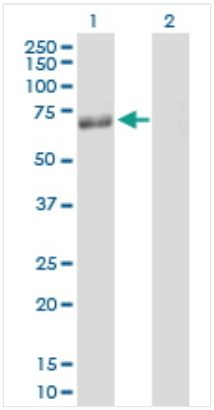
Product Name	PLIN1, Polyclonal Antibody
Full Product Name	PLIN1 (Perilipin-1, Lipid Droplet-associated Protein, PERI, PLIN) (Biotin)
Product Gene Name	anti-PLIN1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PLIN.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	Full length human PLIN, aa1-522 (AAH31084.1).
Immunogen Sequence	MAVNKGLTLLDGDLPEQENVLQRVLQLPVVSGTCECFQKTYTSTKEAHPLVASVCNAYEKGVQSASSLAAWSMEPVVRRLSTQFTAANELACRGLDHLE
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-PLIN1 antibody	Antibodies; Obesity Proteins
Applications Tested/Suitable for anti-PLIN1 antibody	Western Blot (WB)
Application Notes for anti-PLIN1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PLIN1 antibody	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence n
Other Notes	Small volumes of anti-PLIN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for PLIN1 purchase	MBS6389803 is an antibody targeting PLIN1. Also known as PLIN1 (Perilipin-1, Lipid Droplet-associated Protein, PERI, PLIN) (Biotin). Reactive in Hum



Western Blot (WB) of anti-PLIN1 antibody
PLIN rabbit polyclonal antibody. Western Blot analysis of PLIN expression in human kidney.



Western Blot (WB) of anti-PLIN1 antibody
PLIN rabbit polyclonal antibody. Western Blot analysis of PLIN expression in A-431.



Western Blot (WB) of anti-PLIN1 antibody
Western Blot analysis of PLIN expression in transfected 293T cell line by PLIN polyclonal antibody. Lane 1: PLIN transfected lysate (56kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLIN1. It may not necessarily be applicable to this product.

NCBI GI #	21410322
NCBI GeneID	5346
NCBI Accession #	BC031084
NCBI Related Accession #	AAH31084.1
UniProt Related Accession #	O60240
NCBI Official Full Name	Homo sapiens perilipin, mRNA
NCBI Official Synonym Full Names	perilipin 1
NCBI Official Symbol	PLIN1
NCBI Official Synonym Symbols	PERI; PLIN; FPLD4
Protein Family	Perilipin
NCBI Protein Information	perilipin-1
NCBI Summary for PLIN1	The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Feb 2009]

Research Articles on PLIN1	**1.** perilipin 1 is a promising marker for the differential diagnosis of liposarcomas from other soft tissue sarcomas, whereas perilipin 2 correlates negatively with tumor grade and may be therapeutically useful.
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