

Datasheet for ABIN2788391

anti-Lipoprotein Lipase antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Lipoprotein Lipase (LPL)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Pig, Goat, Horse, Dog, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lipoprotein Lipase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human LPL
Sequence:	LGYEINKVRA KRSSKMYLKT RSQMPYKVFH YQVKIHFSGT ESEHTNQAF
Predicted Reactivity:	Cow: 86%, Dog: 79%, Goat: 86%, Horse: 86%, Human: 100%, Pig: 92%, Rabbit: 86%, Rat: 86%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against LPL. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Lipoprotein Lipase (LPL)
Alternative Name:	LPL (LPL Products)

Target Details

Background:	LPL encodes lipoprotein lipase, which is expressed in heart, muscle, and adipose tissue. LPL functions as a homodimer, and has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake. Severe mutations that cause LPL deficiency result in type I hyperlipoproteinemia, while less extreme mutations in LPL are linked to many disorders of lipoprotein metabolism. Alias Symbols: HDLCQ11, LIPD Protein Interaction Partner: LMF1, LPL, CALR, CCND1, APP, CUL3, UBC, PLK1, LUC7L2, KIAA1377, COPS6, ASCC2, RPL18A, UBE2Z, APOC2, LRP2, VLDLR, PTPN4, CETP, LRP1, EMD, Protein Size: 475
Molecular Weight:	50 kDa
Gene ID:	4023
NCBI Accession:	NM_000237 , NP_000228
UniProt:	P06858
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 475 AA
Restrictions:	For Research Use only

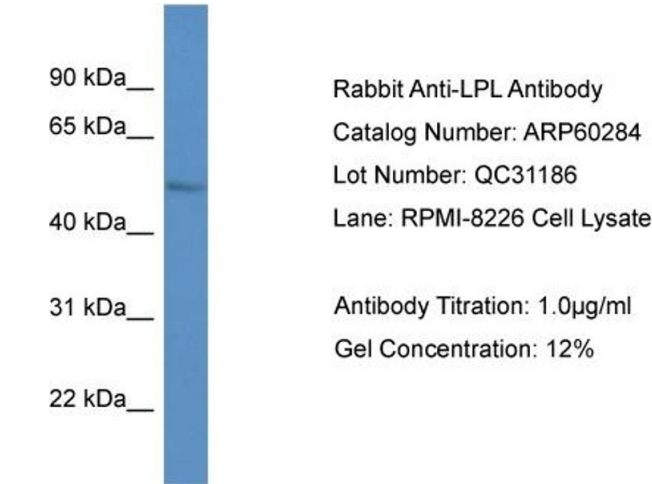
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.



Western Blotting

Image 2. WB Suggested Anti-LPL Antibody Titration: 1.0 µg/mL

Positive Control: RPMI-8226 Whole Cell

LPL is supported by BioGPS gene expression data to be expressed in RPMI 8226