

Rabbit Lipoprotein lipase (LPL) Polyclonal Antibody | anti-LPL antibody

Lipoprotein lipase (LPL) Rabbit pAb

CATALOG # AAA28325	HOST Rabbit	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

Lipoprotein lipase (LPL); Polyclonal Antibody; Lipoprotein lipase (LPL) Rabbit pAb; LPL; HDLCQ11; LIPD; anti-LPL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-LPL antibody	WB (Western Blot), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IF: 1:50-1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 124-475 of human Lipoprotein lipase (Lipoprotein lipase (LPL))(NP_000228.1).
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



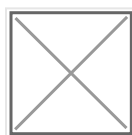
IF (Immunofluorescence)

Immunofluorescence analysis of U-2OS cells using Lipoprotein lipase (Lipoprotein lipase (LPL)) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



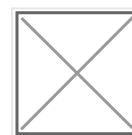
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Lipoprotein lipase (Lipoprotein lipase (LPL)) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Lipoprotein lipase (Lipoprotein lipase (LPL)) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Lipoprotein lipase (Lipoprotein lipase (LPL)) antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-LPL antibody	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.
Product Categories/Family for anti-LPL antibody	Endocrine & Metabolism; Lipid Metabolism; Lipases; Research; Endocrine & Metabolism; Endocrine and metabolic diseases; Obesity; Research; Stem Cells; Mesenchymal Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557727
NCBI GeneID	4023
NCBI Accession #	NP_000228.1
NCBI GenBank Nucleotide #	NM_000237.2
UniProt Accession #	P06858; Q16282; Q16283; Q96FC4; B2R5T9
Molecular Weight	Observed MW: 53kDa Calculated MW: 53kDa
NCBI Official Full Name	lipoprotein lipase
NCBI Official Synonym Full Names	lipoprotein lipase
NCBI Official Symbol	LPL
NCBI Official Synonym Symbols	LIPD; HDLCQ11
NCBI Protein Information	lipoprotein lipase
UniProt Protein Name	Lipoprotein lipase
UniProt Gene Name	LPL
UniProt Synonym Gene Names	LIPD; LPL
UniProt Entry Name	LIPL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lipoprotein-lipase-lpl-antibody-western-blot-immunofluorescence-elisa/28325>