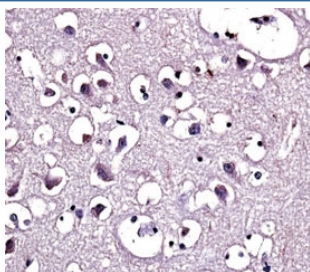


LPL Antibody / Lipoprotein lipase (F43589)

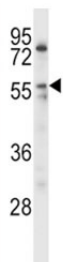
Catalog No.	Formulation	Size
F43589-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43589-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

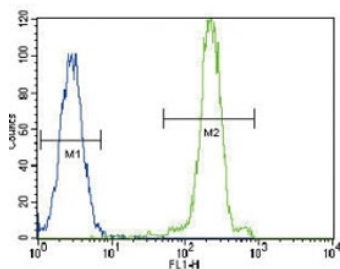
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Pig, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P06858
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This LPL antibody is available for research use only.



LPL antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.



LPL antibody western blot analysis in HL-60 lysate.



LPL antibody flow cytometric analysis of HeLa cells (green) compared to a [negative control](http://www.ncbi.nlm.nih.gov/seq/seq.cgi?seq_view=graph&seq_id=1001) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

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. [provided by RefSeq].

Application Notes

Titration of the LPL antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 300-327 from the human protein was used as the immunogen for this LPL antibody.

Storage

Aliquot the LPL antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.