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Performance guaranteed

LIPG Polyclonal Antibody, DyLight™ 650

Catalog Number **PA5-22912**

Product data sheet

Details	
Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	A C-terminal synthetic peptide made to the human endothelial lipase protein sequence.
Conjugate	DyLight™ 650
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	50mM sodium borate
Contains	no preservative
Storage Conditions	4° C, store in dark

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent
Western Blot (WB)	1:500
Immunocytochemistry (ICC/IF)	Assay-Dependent

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

This antibody does not react with mouse endothelial lipase.

Background/Target Information

LIPG (Lipase G, Endohelial type) is an endothelial lipase which is a novel member of the lipoprotein lipase gene family. LIPG is synthesized by endothelial cells and functions at the site of synthesis. LIPG most likely plays a physiological role in modulating lipoprotein metabolism. Overexpressed LIPG has been shown to reduce HDL cholesterol levels, whereas an LIPG deficiency appears to be effective in elevating HDL cholesterol levels in animals. LIPG has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. Also, LIPG is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family. LIPG is a carboxyl esterase that hydrolyzes high density lipoproteins, emulsifies triglycerides, is essential for the efficient digestion of dietary fats and can bind to heparin.

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