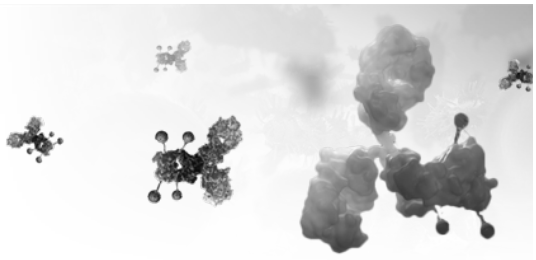

Anti-LIPF (aa 1-100) polyclonal antibody (DPAB-DC3525)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes gastric lipase, an enzyme involved in the digestion of dietary triglycerides in the gastrointestinal tract, and responsible for 30% of fat digestion processes occurring in human. It is secreted by gastric chief cells in the fundic mucosa of the stomach, and it hydrolyzes the ester bonds of triglycerides under acidic pH conditions. The gene is a member of a conserved gene family of lipases that play distinct roles in neutral lipid metabolism. Several transcript variants encoding different isoforms have been found for this gene.
Immunogen	A synthetic peptide corresponding to amino acids 1-100 of human LIPF.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Tissue lysate),
Format	Liquid
Size	100 µl
Buffer	In PBS (30% glycerol, 0.1% sodium azide)
Preservative	0.1% Sodium Azide
Storage	Store at 4°C for short term. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	LIPF lipase, gastric [Homo sapiens (human)]
Official Symbol	LIPF
Synonyms	LIPF; lipase, gastric; GL; HGL; HLAL; gastric triacylglycerol lipase; gastric lipase;
Entrez Gene ID	8513
Protein Refseq	NP_001185757
UniProt ID	P07098
Chromosome Location	10q23.31
Pathway	Acylglycerol degradation; Fat digestion and absorption; Fatty Acid Beta Oxidation; Glycerolipid metabolism
Function	lipid binding; malate dehydrogenase activity; triglyceride lipase activity;

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