



Human LIPF blocking peptide (CDBP1757)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-LIPF antibody
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. [provided by RefSeq, Nov 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	LIPF lipase, gastric [Homo sapiens]
Official Symbol	LIPF
Synonyms	LIPF; lipase, gastric; gastric triacylglycerol lipase; HGL; HLAL; gastric lipase; GL; MGC138477;

MGC142271;

Entrez Gene ID	8513
mRNA Refseq	NM_001198828
Protein Refseq	NP_001185757
UniProt ID	P07098
Chromosome Location	10q23
Pathway	Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty Acid Beta Oxidation, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem;
Function	hydrolase activity; lipid binding; retinyl-palmitate esterase activity; triglyceride lipase activity;