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Rabbit Anti-LMF1 antibody

SL18311R

Product Name:	LMF1
Chinese Name:	脂肪酶成熟因子1抗体
Alias:	AW822050; C16orf26; cld; FLJ12681; FLJ22302; HMFN1876; JFP11; Lipase maturation factor 1; LMF1; LMF1_HUMAN; RGD1310180; TMEM112; TMEM112A; Transmembrane protein 112.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LMF1:11-120/567<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene resides in the endoplasmic reticulum, and is involved in the maturation and transport of lipoprotein lipase through the secretory pathway. Mutations in this gene are associated with combined lipase deficiency. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, May

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Function:
Involved in the maturation of specific proteins in the endoplasmic reticulum. Required for maturation and transport of active lipoprotein lipase (LPL) through the secretory pathway.

Subcellular Location:
Endoplasmic reticulum membrane.

DISEASE:
Defects in LMF1 are the cause of combined lipase deficiency (CLD) [MIM:246650]. CLD is characterized by repeated episodes of pancreatitis, tuberous xanthomas and lipodystrophy and is caused by deficiency of both lipoprotein lipase (LPL) and hepatic triglyceride lipase (HTGL).

Similarity:
Belongs to the lipase maturation factor family.

SWISS:
Q96S06

Gene ID:
64788

Database links:

Entrez Gene: 64788 Human

Omim: 611761 Human

SwissProt: Q96S06 Human

Unigene: 71912 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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