

LMF1 Rabbit pAb

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Catalog # AP57034

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96S06
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64873
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LMF1
Epitope Specificity	11-120/567
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 2010]

Additional Information

Gene ID	64788
Other Names	Lipase maturation factor 1, Transmembrane protein 112, LMF1, C16orf26, TMEM112
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	LMF1
Synonyms	C16orf26, TMEM112
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. Each LMF1 molecule chaperones 50 or more molecules of LPL.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein

Background

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