Datasheet for ABIN7599971

anti-LMF2 antibody (AA 132-635)

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Overview

Quantity:	100 µg
Target:	LMF2
Binding Specificity:	AA 132-635
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-LMF2 Antibody Picoband®
Immunogen:	E.coli-derived human LMF2 recombinant protein (Position: E132-A635). Human LMF2 shares 85.5% and 83.9% amino acid (aa) sequence identity with mouse and rat LMF2, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-LMF2 Antibody Picoband® (ABIN7599971). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LMF2
Alternative Name:	LMF2 (LMF2 Products)
Background:	Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody Tissue Specificity: Expressed in all tissues. Background: LMF2 belongs to the lipase maturation factor family. LMF2 is involved in the maturation of specific proteins in the endoplasmic reticulum. It may be required for maturation and transport of active lipoprotein lipase (LPL) through the secretory pathway.
Molecular Weight:	80 kDa
Gene ID:	91289

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Nobuyuki, K. , Shunichiro, S. , Tomoyuki, N. , Kazuya, S. , Nobuto, S. , & Tohru, O. , et al. (2016). Development of biomarkers based on dna methylation in the ncaph2/lmf2 promoter region for diagnosis of alzheimer's disease and amnesic mild cognitive impairment. Plos One, 11(1), e0146449. 2. Meant, AntoineGao, BeichenLavoie, GenevieveNourreddine, SamiJung, FloraAubert, LeoTcherkezian, JosephGingras, Anne-ClaudeRoux, Philippe P. (2020). Proteomic analysis reveals a role for rsk in p120-catenin phosphorylation and melanoma cell-cell adhesion. Molecular & cellular proteomics: MCP, 19(1). 3. Swayampakula, M. , Mcdonald, P. C. , Vallejo, M. , Coyaud, E. , & Dedhar, S. . (2017). The interactome of metabolic enzyme carbonic anhydrase ix reveals novel roles in tumor cell migration and invadopodia/mmp14-mediated invasion. Oncogene, 36(45), 1-18.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.