

bs-11874R

[Primary Antibody]

LMCD1 Rabbit pAb



www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 41 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 29995	SWISS: Q9NZU5	
Target: LMCD1		
Immunogen: KLH conjugated synthetic peptide derived from human LMCD1: 51-160/365.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Transcriptional cofactor that restricts GATA6 function by inhibiting DNA-binding, resulting in repression of GATA6 transcriptional activation of downstream target genes. Represses GATA6-mediated trans activation of lung- and cardiac tissue-specific promoters. Inhibits DNA-binding by GATA4 and GATA1 to the cTNC promoter (By similarity). Plays a critical role in the development of cardiac hypertrophy via activation of calcineurin/nuclear factor of activated T cells signaling pathway.		

— SELECTED CITATIONS —

- **[IF=4.739]** Rui Yu. et al. Suppression of LMCD1 ameliorates renal fibrosis by blocking the activation of ERK pathway. Bba-Mol Cell Res. 2022 Apr;1869:119200 IP ;Human. 34968577