

bs-4490R**[Primary Antibody]**

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PLB1 Rabbit pAb**— 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, Mouse, Rat, Sheep, Cow) Predicted MW.: 163 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 151056	SWISS: Q6P1J6	
Target: PLB1		
Immunogen: KLH conjugated synthetic peptide derived from human PLB1: 1001-1100/1458. < Extracellular >		
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: PLB1 is a membrane-associated phospholipase which exhibits a calcium-independent broad substrate specificity including phospholipase A2/lysophospholipase activity. It shows preferential hydrolysis at the sn-2 position of diacylphospholipids and diacylglycerol, whereas it shows no positional specificity toward triacylglycerol. It also exhibits esterase activity toward p-nitrophenyl. It may act on the brush border membrane to facilitate the absorption of digested lipids.		

— SELECTED CITATIONS —

- **[IF=2.6]** Yuan Yexian. et al. Postnatal Tamoxifen Exposure Induces Long-Lasting Changes to Adipose Tissue in Adult Mice. MOL BIOTECHNOL. 2023 Aug.;1-10 WB ;Mouse. 37642828