

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

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**PLB1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Sheep, Cow)  <b>Predicted MW.:</b> 163 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 151056	<b>SWISS:</b> Q6P1J6	
<b>Target:</b> PLB1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PLB1: 1001-1100/1458.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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