
PLB1 Rabbit pAb

Catalog Number: bs-4490R

Target Protein: PLB1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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

Entrez Gene: 151056

Swiss Prot: Q6P1J6

Source: KLH conjugated synthetic peptide derived from human PLB1: 1001-1100/1458.

Purification: affinity purified by Protein A

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.

PRODUCT SPECIFIC PUBLICATIONS

[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