

bs-4151R**[Primary Antibody]****PLDL1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Dog, Horse) Predicted MW.: 123 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 5334	SWISS: Q15111	
Target: PLDL1		
Immunogen: KLH conjugated synthetic peptide derived from human PLDL1: 1001-1096/1096.		
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: PLCL1 is involved an inositol phospholipid based intracellular signaling cascade. Shows no PLC activity to phosphatidylinositol 4,5-bisphosphate and sphatidylinositol. Component in the phospho-dependent endocytosis process of GABA A receptor (By similarity). Regulates the turnover of receptors and thus contributes to the maintenance of GABA mediated synaptic inhibition. Its aberrant expression could contribute to the genesis and progression of lung carcinoma. Acts as an inhibitor of PPP1C.		

— SELECTED CITATIONS —

- **[IF=3.01]** Luo, Shuai. et al. PLCL1 regulates fibroblast-like synoviocytes inflammation via NLRP3 inflammasomes in rheumatoid arthritis. ADV RHEUMATOL. 2022 Dec;62(1):1-12 IHC ;Human, Mouse. 35820936