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[Primary Antibody]

Rabbit Anti-PLRP1 antibody

Catalog Number: SL24390R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	PLRP1
Immunogen:	KLH conjugated synthetic peptide derived from mouse PLRP1: 1-100/473
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℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human)
Predicted MW.:	50kDa
Subcellular Location:	Secretory protein
Background:	PNLIPRP1 belongs to the AB hydrolase superfamily, Lipase family and contains one PLAT domain. PNLIPRP1 has a catalytic activity of: Triacylglycerol + H2O = diacylglycerol + a carboxylate. It is expressed in the pancreas and there are three named isoforms. **Function:** May function as inhibitor of dietary triglyceride digestion. Lacks detectable lipase activity towards triglycerides, diglycerides, phosphatidylcholine, galactolipids or cholesterol esters (in vitro) **Subcellular Location:** Secreted. **Tissue Specificity:** Pancreas. **Similarity:** Belongs to the AB hydrolase superfamily. Lipase family. Contains 1 PLAT domain. **Database links:** **Entrez Gene:** 5407 Human Omim: 604422 Human **SwissProt:** P54315 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

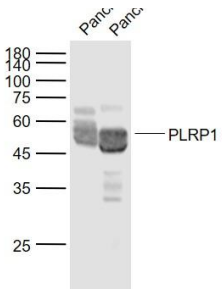
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[VALIDATION IMAGES]



Sample:
Lane 1: Pancreas (Mouse) Lysate at 40 ug
Lane 2: Pancreas (Rat) Lysate at 40 ug
Primary: Anti-PLRP1 (SL24390R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 53 kD
Observed band size: 53 kD

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