



Rabbit Anti-PLRP2 antibody

SL21014R

Product Name:	PLRP2
Chinese Name:	胰脂肪酶相关蛋白2抗体
Alias:	Pancreatic Lipase Related Protein 2; EC 3.1.1.3; Galactolipase; LIPR2_HUMAN; Pancreatic lipase-related protein 2; PL-RP2; PLRP2; PNLIPRP2; Secretory glycoprotein GP 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
Applications:	WB=1:500-2000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	52kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PLRP2:301-400/469
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a lipase that hydrolyzes galactolipids, the main components of plant membrane lipids. An allelic polymorphism in this gene results in both coding and non-coding variants; the reference genome represents the non-coding allele. [provided by RefSeq, Aug 2015]

Function:

Lipase with broad substrate specificity. Can hydrolyze both phospholipids and galactolipids. Acts preferentially on monoglycerides, phospholipids and galactolipids. Contributes to milk fat hydrolysis.

Subcellular Location:

Secreted.

Tissue Specificity:

Pancreas.

Similarity:

Belongs to the AB hydrolase superfamily. Lipase family. Contains 1 PLAT domain.

SWISS:

P54317

Gene ID:

5408

Database links:

[Entrez Gene: 5408](#) Human

[Entrez Gene: 18947](#) Mouse

[Entrez Gene: 117554](#) Rat

[Omim: 604423](#) Human

[SwissProt: P54317](#) Human

[SwissProt: P17892](#) Mouse

[SwissProt: P54318](#) Rat

[Unigene: 423598](#) Human

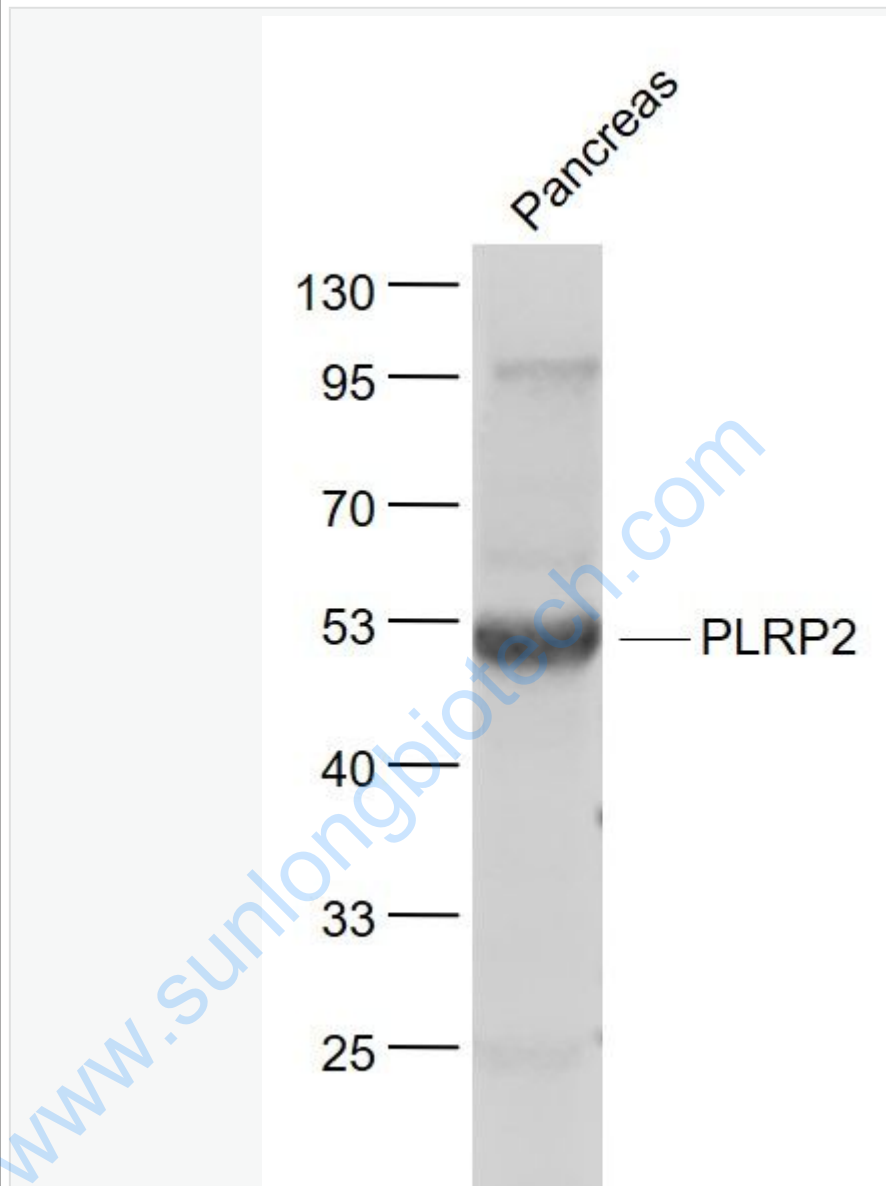
[Unigene: 212333](#) Mouse

[Unigene: 87688](#) Rat

Important Note:

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

Picture:



Sample:

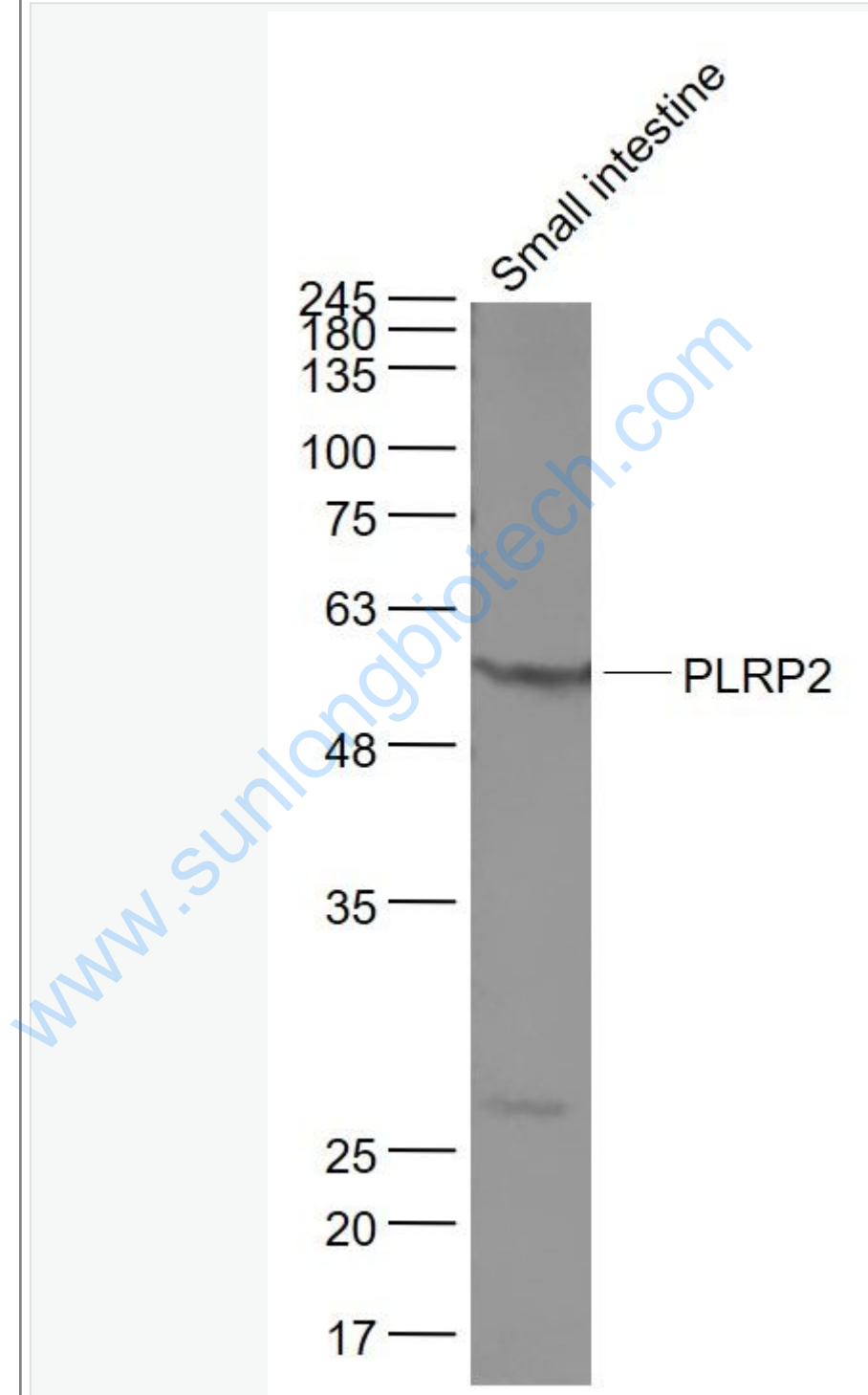
Pancreas (Mouse) Lysate at 40 ug

Primary: Anti- PLRP2 (SL21014R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 52 kD

Observed band size: 52 kD



Sample:

Small intestine (Mouse) Lysate at 40 ug

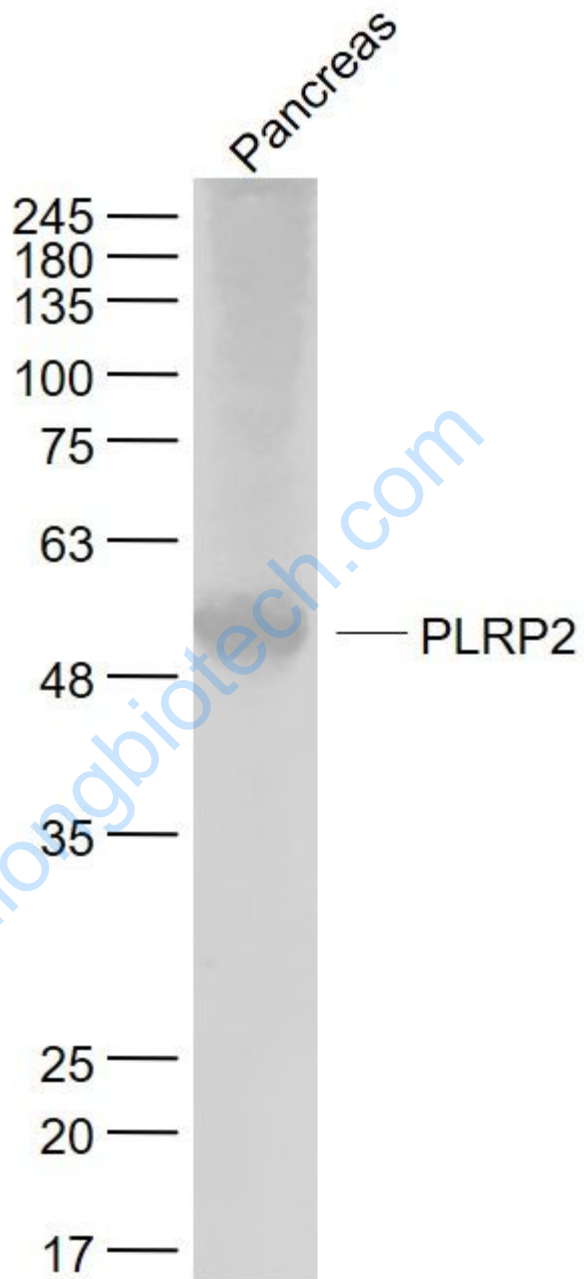
Primary: Anti- PLRP2 (SL21014R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 52 kD

Observed band size: 52 kD

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Sample:

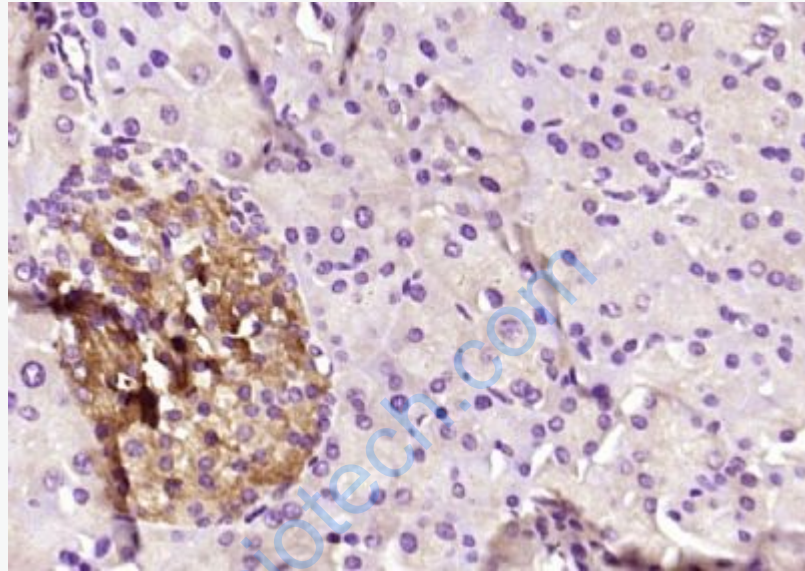
Pancreas (Mouse) Lysate at 40 ug

Primary: Anti- PLRP2 (SL21014R) at 1/1000 dilution

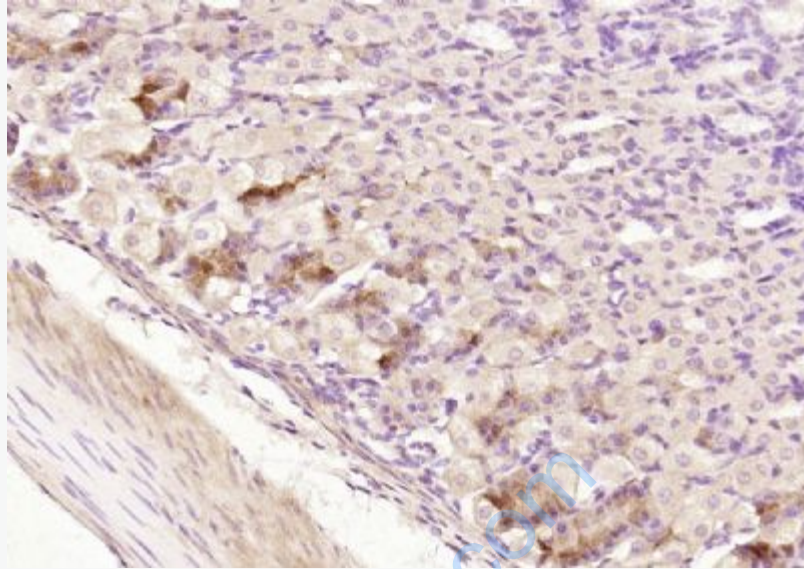
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 52 kD

Observed band size: 52 kD



Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PLRP2) Polyclonal Antibody, Unconjugated (SL21014R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PLRP2) Polyclonal Antibody, Unconjugated (SL21014R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.