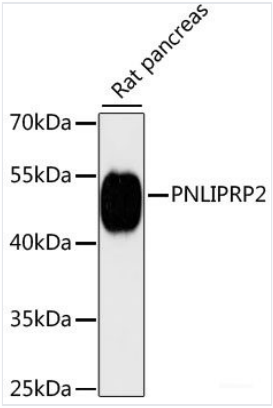
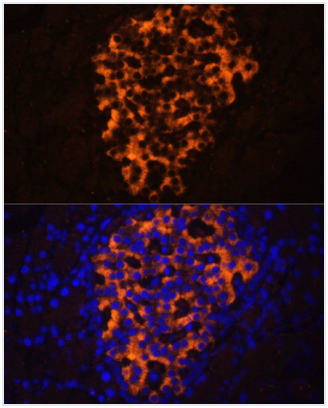
PNLIPRP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

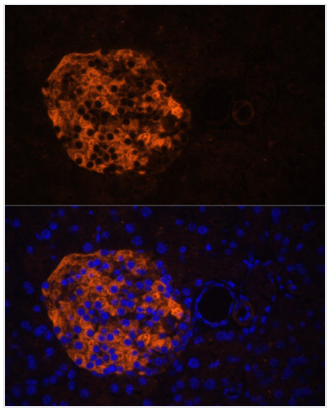
Product Name	PNLIPRP2, Polyclonal Antibody
Full Product Name	PNLIPRP2 Polyclonal Antibody
Product Gene Name	anti-PNLIPRP2 antibody
Product Synonym Names	PNLIPRP2; PLRP2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	51,947 Da
Chromosome Location	Chromosome: 10; NC_000010.10 (118380465..118404654). Location: 10q25.3
OMIM	604423
3D Structure	ModBase 3D Structure for P54317
Immunogen	Recombinant fusion protein of human PNLIPRP2 (NP_0053872)
Conjugation	Unconjugated
Product Categories/Family for anti-PNLIPRP2 antibody	Polyclonal Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PNLIPRP2 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-PNLIPRP2 antibody	WB: 1:500-1:1000 IF: 1:50-1:200
Related Product Information for anti-PNLIPRP2 antibody	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.
Other Notes	Small volumes of anti-PNLIPRP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PNLIPRP2 purchase	MBS2564810 is an antibody targeting PNLIPRP2. Also known as PNLIPRP2 Polyclonal Antibody. Reactive in Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-PNLIPRP2 antibody
Western blot analysis of extracts of Rat pancreas using PNLIPRP2 Polyclonal Antibody at dilution of 1:3000.



Immunofluorescence (IF) of anti-PNLIPRP2 antibody
Immunofluorescence analysis of Rat pancreas using PNLIPRP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence (IF) of anti-PNLIPRP2 antibody
Immunofluorescence analysis of Mouse pancreas using PNLIPRP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PNLIPRP2. It may not necessarily be applicable to this product.

NCBI GI #	106507261
NCBI GeneID	5408
NCBI Accession #	NP_005387.2
UniProt Primary Accession #	P54317
UniProt Secondary Accession #	Q6IB55; A8K627
UniProt Related Accession #	P54317
GenBank Nucleotide #	NM_005396.4
NCBI Official Full Name	pancreatic lipase-related protein 2
NCBI Official Synonym Full Names	pancreatic lipase-related protein 2
NCBI Official Symbol	PNLIPRP2
NCBI Official Synonym Symbols	PLRP2
UniProt Protein Name	Pancreatic lipase-related protein 2
UniProt Synonym Protein Names	Galactolipase
Protein Family	Pancreatic lipase-related protein

UniProt Gene Name	PNLIPRP2
UniProt Synonym Gene Names	PLRP2
UniProt Entry Name	LIPR2_HUMAN
NCBI Protein Information	pancreatic lipase-related protein 2; PL-RP2; galactolipase; OTTHUMP00000218565
UniProt Comments for PNLIPRP2	PNLIPRP2: Lipase with broad substrate specificity. Can hydrolyze both phospholipids and galactolipids. Acts preferentially on monoglycerides, phospholipids and galactolipids. Contributes to milk fat hydrolysis. Belongs to the AB hydrolase superfamily. Lipase family. Protein type: Lipid Metabolism - glycerolipid; Secreted; EC 3.1.1.26; Lipase; Secreted, signal peptide; EC 3.1.1.3 Chromosomal Location of Human Ortholog: 10q25.3 Cellular Component: extracellular space; extracellular region Molecular Function: triacylglycerol lipase activity; galactolipase activity; acylglycerol lipase activity; calcium ion binding; phospholipase activity Biological Process: triacylglycerol metabolic process; phospholipid catabolic process; galactolipid catabolic process; lipid digestion
Research Articles on PNLIPRP2	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-rat-antibody/pnliprp2/2564810