

PNLIP Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16041b**Specification**

PNLIP Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P16233](#)**PNLIP Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5406**Other Names**

Pancreatic triacylglycerol lipase, PL, PTL, Pancreatic lipase, PNLIP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PNLIP Antibody (C-term) Blocking Peptide - Protein Information**Name** PNLIP ([HGNC:9155](#))**Function**

Plays an important role in fat metabolism. It preferentially splits the esters of long-chain fatty acids at positions 1 and 3, producing mainly 2-monoacylglycerol and free fatty acids, and shows considerably higher activity against insoluble emulsified substrates than against soluble ones.

Cellular Location

Secreted.

PNLIP Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PNLIP Antibody (C-term) Blocking Peptide - Images**PNLIP Antibody (C-term) Blocking Peptide - Background**

This gene is a member of the lipase gene family. It encodes a carboxyl esterase that hydrolyzes insoluble, emulsified triglycerides, and is essential for the efficient digestion of dietary fats. This gene is expressed specifically in the pancreas.

PNLIP Antibody (C-term) Blocking Peptide - References

Colin, D.Y., et al. Protein Eng. Des. Sel. 23(5):365-373(2010) Ranaldi, S., et al. Biochemistry 49(10):2140-2149(2010) Bourbon-Freie, A., et al. J. Biol. Chem. 284(21):14157-14164(2009) Ranaldi, S., et al. Biochemistry 48(3):630-638(2009) Colin, D.Y., et al. Biochem. Biophys. Res. Commun. 370(3):394-398(2008)