

Datasheet for ABIN6145839
anti-PNLIP antibody (AA 166-465)



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3 Images

Overview

Quantity:	100 µL
Target:	PNLIP
Binding Specificity:	AA 166-465
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNLIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 166-465 of human PNLIP (NP_000927.1).
Sequence:	IGHSLGAHAA GEAGRRTNGT IGRITGLDPA EPCFQGTPEL VRLDPSDAKF VDVHTDGAP IVPNLGFMS QVVGHLDFFP NGGVEMPGCK KNILSQIVDI DGIWEGTRDF AACNHLRSYK YYTDSIVNPD GFAGFPCASY NVFTANKCFP CPSGGCPQMG HYADRYPGKT NDVGQKFYLD TGDASN FARW RYKVSVTLSG KKVTGHILVS LFGNKGNSKQ YEIFKGTLPK DSTHSNEFDS DVDVGD LQMV KFIWYNNVIN PTLPRVGASK IIVETNVGKQ FNF CSPETVR EEVLLTLTPC
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

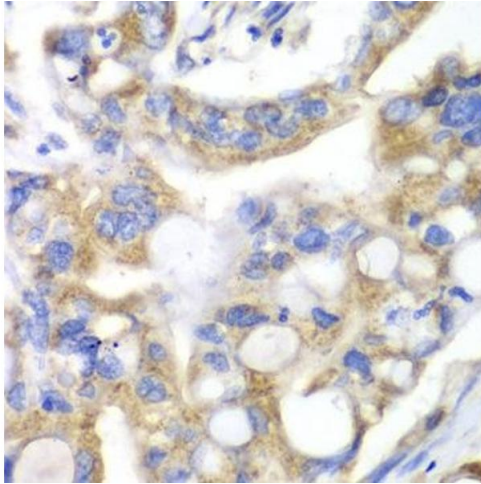
Target:	PNLIP
Alternative Name:	PNLIP (PNLIP Products)
Background:	This gene is a member of the lipase gene family. It encodes a carboxyl esterase that hydrolyzes insoluble, emulsified triglycerides, and is essential for the efficient digestion of dietary fats. This gene is expressed specifically in the pancreas.,PNLIP,PL,PNLIPD,PTL,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Lipases,Cardiovascular,Lipids,PNLIP
Molecular Weight:	51 kDa
Gene ID:	5406
UniProt:	P16233

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

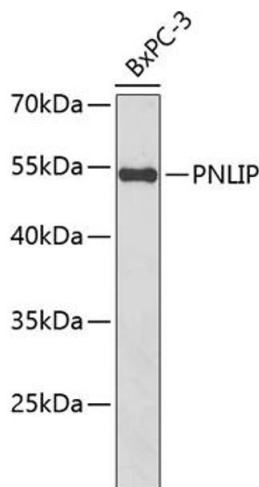
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



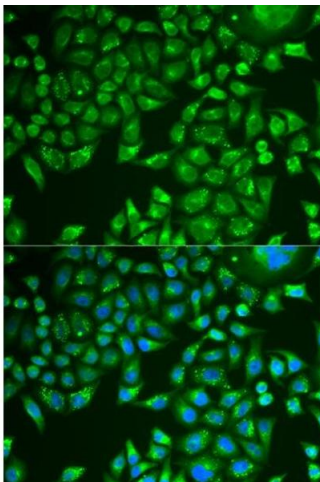
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using PNLIP antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of BxPC-3 cells, using PNLIP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 15s.



Immunofluorescence

Image 3. Immunofluorescence analysis of U2OS cells using PNLIP antibody. Blue: DAPI for nuclear staining.