

Pancreatic Lipase Polyclonal Antibody

Catalog number: 11209-1-AP

Size: 35 µg/150 µl

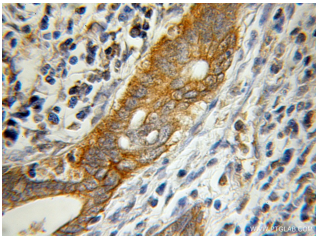
Source: Rabbit

Isotype: IgG

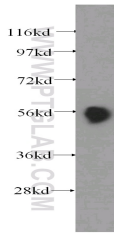
Synonyms:

PNLIP; Lipase, Pancreatic

Lipase, PL, PNLIP, PTL



Immunohistochemical of paraffin-embedded human pancreas cancer using 11209-1-AP (PNLIP antibody) at dilution of 1:50 (under 40x lens)



human pancreas tissue were subjected to SDS PAGE followed by western blot with 11209-1-AP (PNLIP antibody) at dilution of 1:500

Background

The pancreatic triacylglycerol lipase precursor (PNLIP), a 56 kDa protein secreted by the pancreas that is essential for the hydrolysis and absorption of long-chain triglyceride fatty acids in the intestine is located ~1 Mb upstream from the chromosome 10 peak (PMID:17890784). It is also named as PL, PTL and belongs to the AB hydrolase superfamily. It may potentially be involved in the pathophysiology of traumatic brain injury and may be implicated in the proliferation of astrocytes and the recovery of neurological outcomes (PMID:19760487). The full length protein has a signal peptide with 16 amino acid and a glycosylation site.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated Pancreatic Lipase MW:	52 kDa
Observed Pancreatic Lipase MW:	52 kDa
Positive WB detected in	Human pancreas tissue, mouse pancreas tissue
Positive IHC detected in	Human pancreas cancer tissue, human pancreas tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1681
GenBank accession number:	BC014309
Gene ID (NCBI):	5406
Full name:	Pancreatic lipase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.