

For Research Use Only

GNPAT Monoclonal antibody, PBS Only



Catalog Number: 66453-1-PBS

Basic Information

Catalog Number: 66453-1-PBS	GenBank Accession Number: BC000450	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8443	CloneNo.: 2E5C10
Source: Mouse	UNIPROT ID: O15228	
Isotype: IgG2b	Full Name: glyceronephosphate O-acyltransferase	
Immunogen Catalog Number: AG6740	Calculated MW: 77 kDa	
	Observed MW: 65-69 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

GNPAT, also named as DAPAT and DHAPAT, belongs to the GPAT/DAPAT family. It is a key enzyme in the biosynthesis of ether phospholipids. GNPAT is localized exclusively within peroxisomes. Full GNPAT activity depends not only on the presence of AGPS, but also on the integrity of substrate channeling from GNPAT to AGPS. (PMID: 21990100) This antibody recognize the 65-69 kDa GNPAT protein.

Storage

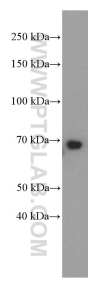
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

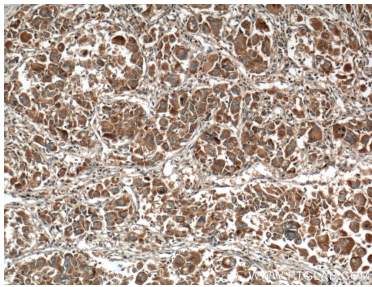
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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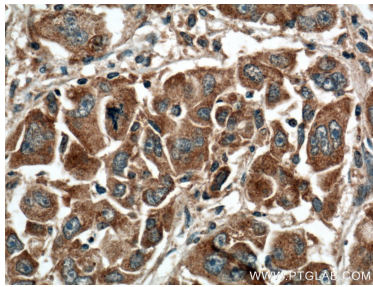
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 66453-1-Ig (GNPAT antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66453-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66453-1-Ig (GNPAT antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66453-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66453-1-Ig (GNPAT antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66453-1-PBS in a different storage buffer formulation.