

Anti-DHAPAT Antibody

Rabbit polyclonal antibody to DHAPAT
Catalog # AP60298

Product Information

Application	WB, IHC
Primary Accession	O15228
Other Accession	P98192
Reactivity	Human, Mouse, Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77188

Additional Information

Gene ID	8443
Other Names	DAPAT; DHAPAT; Dihydroxyacetone phosphate acyltransferase; DAP-AT; DHAP-AT; Acyl-CoA: dihydroxyacetonephosphate acyltransferase; Glycerone-phosphate O-acyltransferase
Target/Specificity	Recognizes endogenous levels of DHAPAT protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C. Stable for 12 months from date of receipt

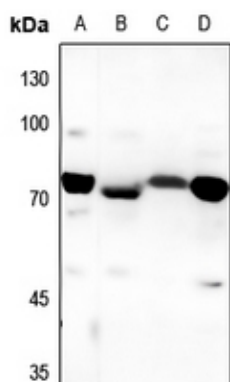
Protein Information

Name	GNPAT (HGNC:4416)
Function	Dihydroxyacetonephosphate acyltransferase catalyzing the first step in the biosynthesis of plasmalogens, a subset of phospholipids that differ from other glycerolipids by having an alkyl chain attached through a vinyl ether linkage at the sn-1 position of the glycerol backbone, and which unique physical properties have an impact on various aspects of cell signaling and membrane biology.
Cellular Location	Peroxisome membrane; Peripheral membrane protein {ECO:0000250 UniProtKB:Q9ES71}; Matrix side {ECO:0000250 UniProtKB:Q9ES71}. Note=Exclusively localized to the luminal side of the peroxisomal membrane {ECO:0000250 UniProtKB:Q9ES71}

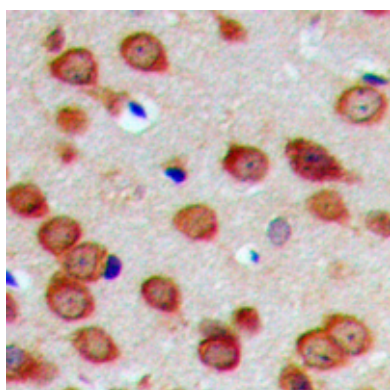
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DHAPAT. The exact sequence is proprietary.

Images



Western blot analysis of DHAPAT expression in Hela (A), mouse heart (B), rat muscle (C), rat heart (D) whole cell lysates.



Immunohistochemical analysis of DHAPAT staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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