

Anti-DHAPAT Antibody
Rabbit polyclonal antibody to DHAPAT
Catalog # AP60298

Specification

Anti-DHAPAT Antibody - Product Information

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

Anti-DHAPAT Antibody - Additional Information

Gene ID 8443

Other Names

DAPAT; DHAPAT; Dihydroxyacetone phosphate acyltransferase; DAP-AT; DHAP-AT;
Acyl-CoA:dihydroxyacetonephosphateacyltransferase; Glycerone-phosphate O-acyltransferase

Target/Specificity

Recognizes endogenous levels of DHAPAT protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (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

Anti-DHAPAT Antibody - 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

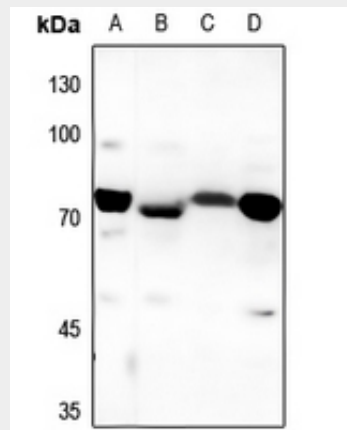
side {ECO:0000250|UniProtKB:Q9ES71}. Note=Exclusively localized to the luminal side of the peroxisomal membrane {ECO:0000250|UniProtKB:Q9ES71}

Anti-DHAPAT Antibody - Protocols

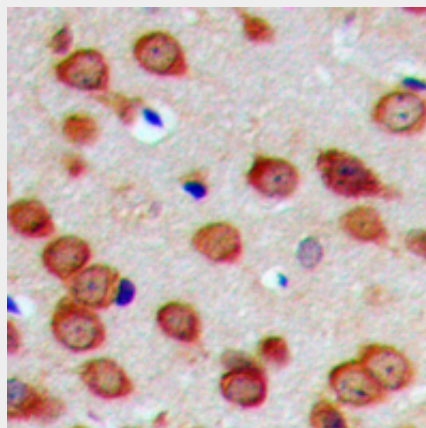
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-DHAPAT Antibody - 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.

Anti-DHAPAT Antibody - Background

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