

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

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**Anti-DHAPAT Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O15228</a>
Other Accession	<a href="#">P98192</a>
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:dihydroxyacetonephosphate acyltransferase; Glycerone-phosphate O-acyltransferase**Target/Specificity**

Recognizes endogenous levels of DHAPAT protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

IHC~~1:100~500

**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**

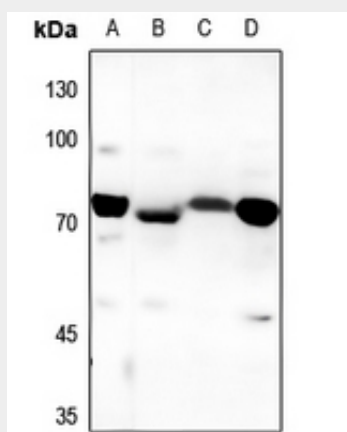
Peroxisome membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9ES71}; Matrix side {ECO:0000250|UniProtKB:Q9ES71}. Note=Exclusively localized to the luminal side of the peroxisomal membrane {ECO:0000250|UniProtKB:Q9ES71}

### Anti-DHAPAT Antibody - Protocols

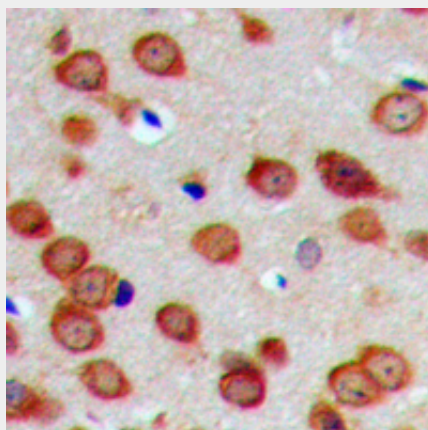
Provided below are standard protocols that you may find useful for product applications.

- [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.