

For Research Use Only

# AASDHPPT Polyclonal antibody

Catalog Number: 11244-1-AP

1 Publications



## Basic Information

Catalog Number:

11244-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1763

GenBank Accession Number:

BC016728

GeneID (NCBI):

60496

UNIPROT ID:

Q9NRN7

Full Name:

aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : human brain tissue,

IF/ICC : HeLa cells,

## Background Information

AASDHPPT, also known as L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase, is required for mitochondrial respiration and oxidative metabolism via the mitochondrial fatty acid synthesis (mtFAS) pathway. AASDHPPT catalyzes the post-translational modification of target proteins by phosphopantetheine and transfer the 4'-phosphopantetheine moiety from coenzyme A to a serine residue of a broad range of acceptors, including the acyl carrier domain of FASN.

## Notable Publications

Author	Pubmed ID	Journal	Application
Pieter R Norden	38766035	bioRxiv	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

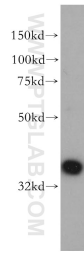
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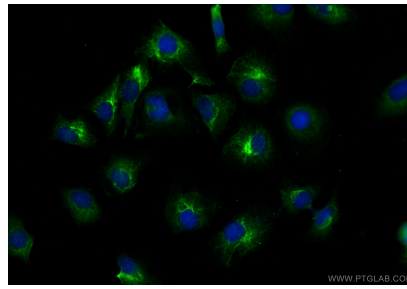
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## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 11244-1-AP (AASDHPPT antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AASDHPPT antibody (11244-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).