

For Research Use Only

AASDHPPT Polyclonal antibody

Catalog Number: 11244-1-AP

1 Publications



Basic Information

Catalog Number:

11244-1-AP

Concentration:

300 ug/ml

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

For technical support and original validation data for this product please contact:

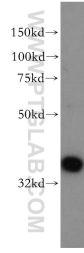
T: 4006900926

E: Proteintech-CN@ptglab.com

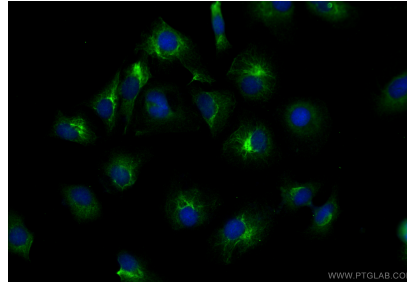
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).