

AGPS

Reactivity:Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:1000 - 1:2000

Calculated MW:73kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human AGPS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ADAS; ADPS; RCDP3; ADAP-S; ADHAPS; ALDHPSY;

Catalog #:A10484

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:8540

Isotype:IgG

Swiss Prot:O00116

Purity:Affinity purification

For research use only.

Background:

This gene is a member of the FAD-binding oxidoreductase/transferase type 4 family. It encodes a protein that catalyzes the second step of ether lipid biosynthesis in which acyl-dihydroxyacetonephosphate (DHAP) is converted to alkyl-DHAP by the addition of a long chain alcohol and the removal of a long-chain acid anion. The protein is localized to the inner aspect of the peroxisomal membrane and requires FAD as a cofactor. Mutations in this gene have been associated with rhizomelic chondrodysplasia punctata, type 3 and Zellweger syndrome.

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