

## AGPS

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**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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