

AGPS Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16563**Specification**

AGPS Antibody - Product Information

Application	IHC, WB
Primary Accession	O00116
Other Accession	8540
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	72912

AGPS Antibody - Additional Information**Gene ID** 8540**Other Names**

AGPS, ALDHPSY, ADAP-S, ADPS, Alkyl-DHAP synthase, Aging-associated protein 5, ADAS, ADHAPS

Reconstitution & Storage

PBS, pH 7.4, 0.02% sodium azide. Store at -20°C for up to one year.

Precautions

AGPS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

AGPS Antibody - Protein Information**Name** AGPS**Function**

Catalyzes the exchange of the acyl chain in acyl- dihydroxyacetonephosphate (acyl-DHAP) for a long chain fatty alcohol, yielding the first ether linked intermediate, i.e. alkyl-dihydroxyacetonephosphate (alkyl-DHAP), in the pathway of ether lipid biosynthesis.

Cellular Location

Peroxisome membrane {ECO:0000250|UniProtKB:P97275}. Peroxisome {ECO:0000250|UniProtKB:P97275}

Volume

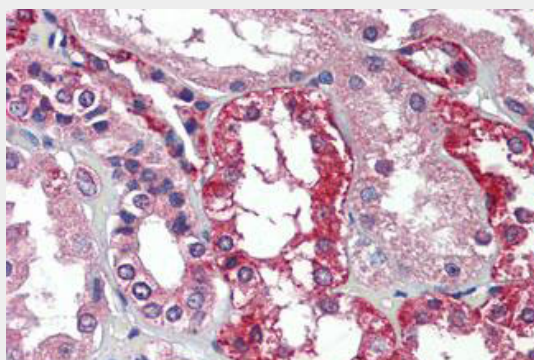
50 µl

AGPS Antibody - Protocols

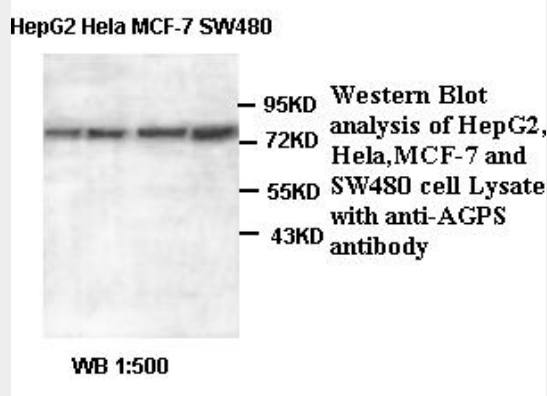
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AGPS Antibody - Images



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blot analysis of HepG2, Hela, MCF-7 and SW480 cell Lysate with anti-AGPS antibody

AGPS Antibody - Background

Catalyzes the exchange of an acyl for a long-chain alkyl group and the formation of the ether bond in the biosynthesis of ether phospholipids.

AGPS Antibody - References

- de Vet E.C.J.M., et al. Biochim. Biophys. Acta 1346:25-29(1997).
Kim J.W., et al. Submitted (FEB-2004) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Dephourse N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Choudhary C., et al. Science 325:834-840(2009).