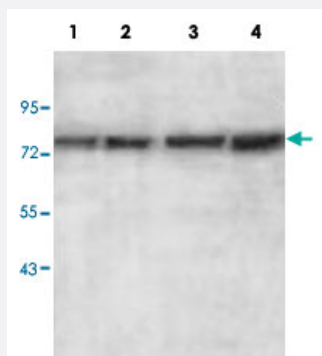


AGPS polyclonal antibody

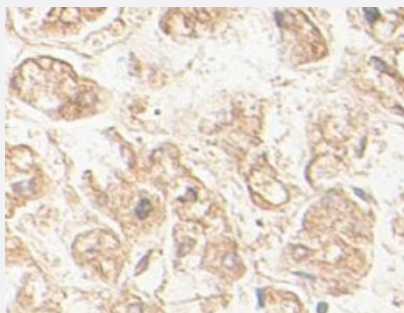
Catalog # PAB18829 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 (Lane 1), HeLa (Lane 2), MCF-7 (Lane 3) and SW480 (Lane 4) cell lysate with AGPS polyclonal antibody (Cat # PAB18829) at 1 : 500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human fetal liver tissue showing membrane staining with AGPS polyclonal antibody (Cat # PAB18829) at 1 : 100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant AGPS.
Immunogen	Recombinant protein corresponding to amino acids 462-632 of human AGPS.
Host	Rabbit
Reactivity	Human, Rat
Form	Liquid

Recommend Usage	ELISA (1:10000-1:80000) Western Blot (1:200-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 (Lane 1), HeLa (Lane 2), MCF-7 (Lane 3) and SW480 (Lane 4) cell lysate with AGPS polyclonal antibody (Cat # PAB18829) at 1 : 500 dilution.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — AGPS

Entrez GeneID	8540
Protein Accession#	NM_003659
Gene Name	AGPS
Gene Alias	ADAP-S, ADAS, ADHAPS, ADPS, ALDHPSY, DKFZp762O2215, FLJ99755
Gene Description	alkylglycerone phosphate synthase
Omim ID	600121 603051
Gene Ontology	Hyperlink

Gene Summary

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-dihydroxyacetone phosphate (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. [provided by RefSeq]

Other Designations

aging-associated protein 5|alkyl-DHAP synthase|alkyldihydroxyacetone phosphate synthase|alkyldihydroxyacetonephosphate synthase, peroxisomal

Pathway

- [Ether lipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)