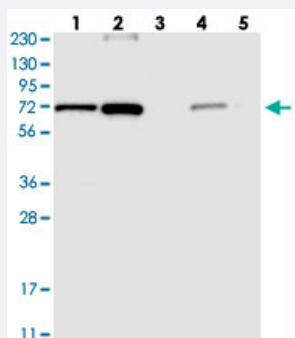


AGPS polyclonal antibody

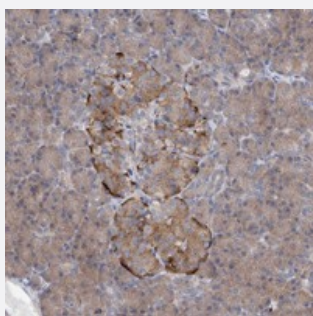
Catalog # PAB22416 Size 100 uL

Applications



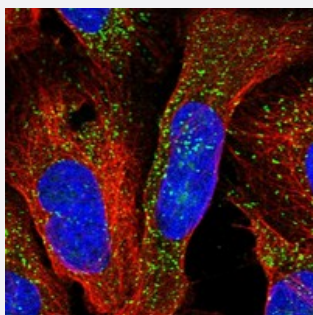
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with AGPS polyclonal antibody (Cat # PAB22416) at 1:250-1:500 dilution.



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

Immunohistochemical staining of human pancreas with AGPS polyclonal antibody (Cat # PAB22416) shows strong cytoplasmic positivity in subsets of islet cells at 1:200-1:500 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with AGPS polyclonal antibody (Cat # PAB22416) at 1-4 ug/mL dilution shows positivity in nucleoli and vesicles.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant AGPS.

Immunogen

Recombinant protein corresponding to amino acids of human AGPS.

Sequence	KERITRECKEKG VQFAPFSTCRVTQTYDAGACIYFYFAFN YRGISDPLTVFEQTEAAAREEILANGG SLSHHHGVGKLRKQWLKESISDVGF GMLKS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. 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

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Gene Info — AGPS

Entrez GeneID [8540](#)

Protein Accession# [O00116](#)

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	<p>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 rhizomeleic chondrodysplasia punctata, type 3 and Zellweger syndrome. [provided by RefSeq]</p>
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](#)