

Rabbit anti-Human AGPS Polyclonal Antibody | anti-AGPS antibody

AGPS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234544	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

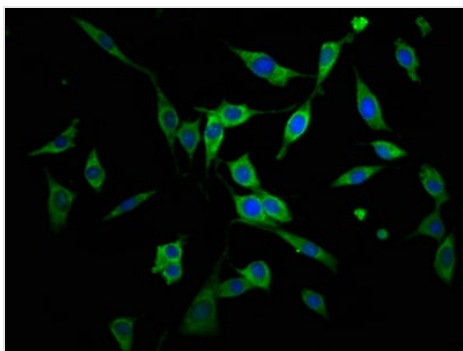
PRODUCT SYNONYMS

AGPS; Polyclonal Antibody; AGPS Antibody; Alkylidihydroxyacetonephosphate synthase; peroxisomal; Alkyl-DHAP synthase; Aging-associated gene 5 protein; Alkylglycerone-phosphate synthase; AAG5; anti-AGPS antibody

PRODUCT SPECIFICATIONS

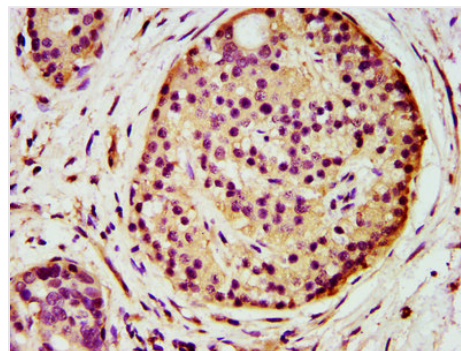
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	658
Applicable Applications for anti-AGPS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Alkylidihydroxyacetonephosphate synthase, peroxisomal protein (279-400AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



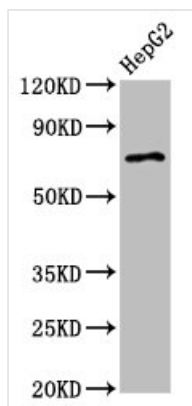
IHC (Immunohistochemistry)

Immunofluorescence staining of NIH/3T3 cells with AAA234544 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234544 diluted at 1:500 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate
 All lanes: AGPS antibody at 2.7ug/ml
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 73 KDa
 Observed band size: 73 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-AGPS antibody	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.
Product Categories/Family for anti-AGPS antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501993
NCBI GeneID	8540
NCBI Accession #	NP_003650.1
NCBI GenBank Nucleotide #	NM_003659.3
UniProt Accession #	O00116; Q2TU35; A5D8U9
Molecular Weight	72,912 Da
NCBI Official Full Name	alkyldihydroxyacetonephosphate synthase, peroxisomal
NCBI Official Synonym Full Names	alkylglycerone phosphate synthase
NCBI Official Symbol	AGPS
NCBI Official Synonym Symbols	ADAS; ADPS; RCDP3; ADAP-S; ADHAPS; ALDHPSY
NCBI Protein Information	alkyldihydroxyacetonephosphate synthase, peroxisomal
UniProt Protein Name	Alkyldihydroxyacetonephosphate synthase, peroxisomal
UniProt Gene Name	AGPS
UniProt Synonym Gene Names	Alkyl-DHAP synthase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/agps-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234544>