

Datasheet for ABIN7143720
anti-AGPS antibody (AA 279-400)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	AGPS
Binding Specificity:	AA 279-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Alkyldihydroxyacetonephosphate synthase, peroxisomal protein (279-400AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AGPS
Alternative Name:	AGPS (AGPS Products)
Background:	Background: Catalyzes the exchange of an acyl for a long-chain alkyl group and the formation

Target Details

of the ether bond in the biosynthesis of ether phospholipids.

Aliases: AAG5 antibody, ADAP-S antibody, ADAS antibody, ADAS_HUMAN antibody, ADHAPS antibody, ADPS antibody, Aging associated gene 5 protein antibody, Aging-associated gene 5 protein antibody, aging-associated protein 5 antibody, AGPS antibody, ALDHPSY antibody, Alkyl-DHAP synthase antibody, Alkylidihydroxyacetonephosphate synthase antibody, Alkylidihydroxyacetonephosphate synthase, peroxisomal antibody, Alkylglycerone phosphate synthase antibody, Alkylglycerone-phosphate synthase antibody, peroxisomal antibody, RCDP3 antibody

UniProt: [O00116](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

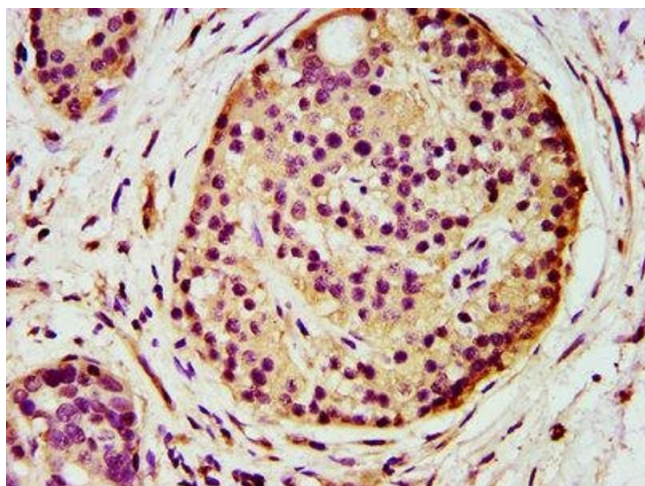
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

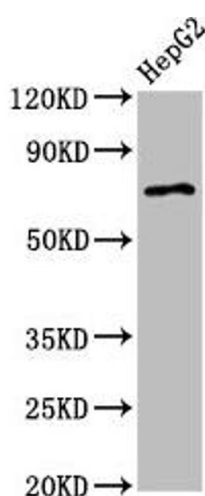
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



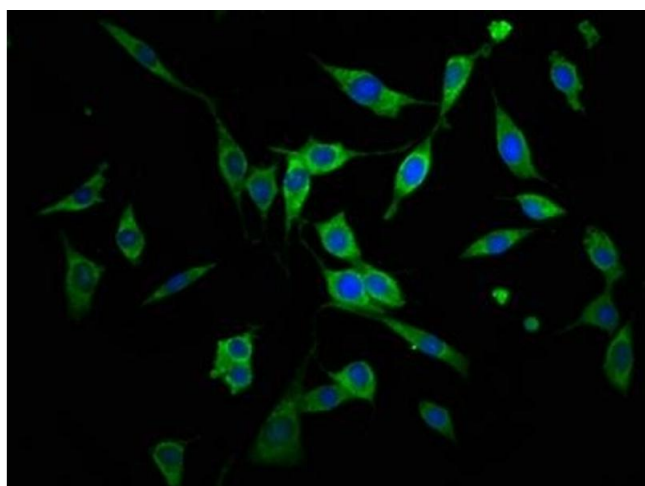
Immunohistochemistry

Image 1. IHC image of ABIN7143720 diluted at 1:500 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: AGPS antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 73 kDa Observed band size: 73 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of NIH/3T3 cells with ABIN7143720 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°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).