

Product Name: AGPS Rabbit Monoclonal Antibody**Catalog #: AMRe85275**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 73 kDa; Observed MW: 73 kDa

Antigen Information

Gene Name	AGPS
Alternative Names	ADAS; ADPS; RCDP3; ADAP-S; ADHAPS; ALDHPSY
Gene ID	8540.0
SwissProt ID	O00116
Immunogen	Recombinant protein of human Alkyl-DHAP synthase

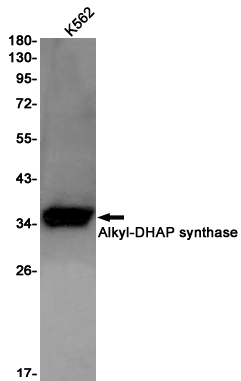
Background

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

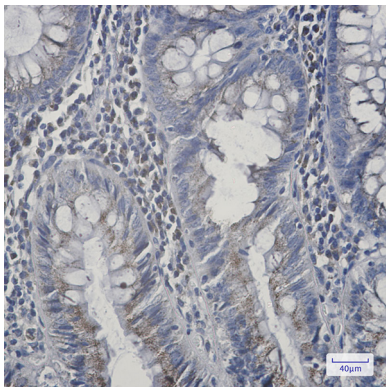
peroxisomal membrane and requires FAD as a cofactor.

Research Area

Image Data



Western blot analysis of AlkylDHAP synthase in K562 lysates using AGPS antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using AlkylDHAP synthase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.