

PACO53170

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000,
IHC:1:20-1:200

Protein Background:

Converts lysophosphatidic acid, (LPA) into phosphatidic acid, by incorporating an acyl moiety at the sn-2 position of the glycerol backbone. Acts on LPA containing saturated or unsaturated fatty acid, C16:0-C20:4 at the sn-1 position using C18:1, C20:4 or C18:2-CoA as the acyl donor. Also acts on lysophosphatidylcholine, lysophosphatidylinositol and lysophosphatidylserine using C18:1 or C20:4-CoA. Has a preference for arachidonoyl-CoA as a donor. Has also a modest lysophosphatidylinositol acyltransferase (LPIAT) activity, converts lysophosphatidylinositol (LPI) into phosphatidylinositol.

Gene ID:

AGPAT3

Uniprot

Q9NRZ7

Synonyms:

1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-acylglycerol-3-phosphate O-acyltransferase 3) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid, acyltransferase gamma) (LPAAT-gamma), AGPAT3, LPAAT3

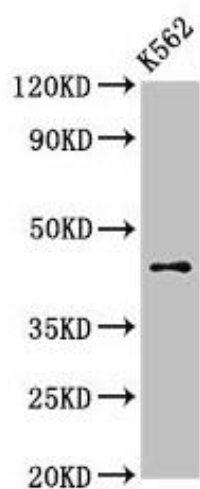
Immunogen:

Recombinant Human 1-acyl-sn-glycerol-3-phosphate acyltransferase γ protein (148-304AA).

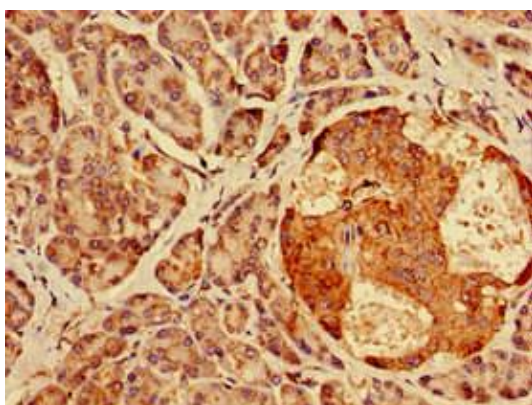
Storage:

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

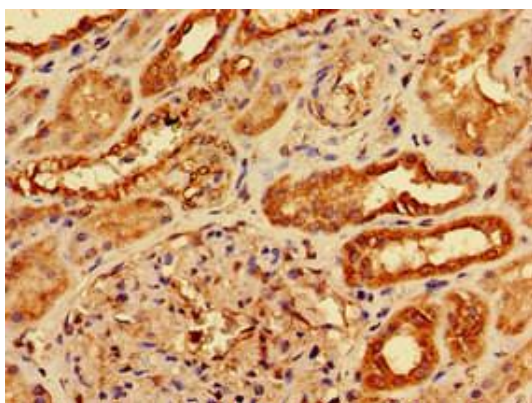
Product Images



Western Blot. Positive WB detected in: K562 whole cell lysate. All lanes: AGPAT3 antibody at 3 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 44, 37, 46 kDa. Observed band size: 44 kDa.



Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO53170 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO53170 at dilution of 1:100.