

Product datasheet

Anti-1-AGP acyltransferase 4 antibody ab93222

1 Image

Overview

Product name	Anti-1-AGP acyltransferase 4 antibody
Description	Rabbit polyclonal to 1-AGP acyltransferase 4
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	KLH conjugated synthetic peptide selected from the center region of Human Agpat4 (NP_064518.1).
Positive control	MDA-MB435 cell line lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Immunogen affinity purified
Purification notes	This antibody is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab93222** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB

ELISA

Application notes	ELISA: 1/1000. WB: 1/100 - 1/500. Predicted molecular weight: 44 kDa.
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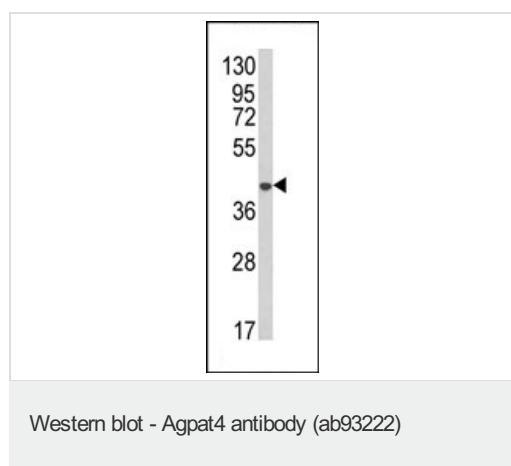
Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function	Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.
Pathway	Phospholipid metabolism; CDP-diacylglycerol biosynthesis; CDP-diacylglycerol from sn-glycerol 3-phosphate: step 2/3.
Sequence similarities	Belongs to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family.
Domain	The HXXXXD motif is essential for acyltransferase activity and may constitute the binding site for the phosphate moiety of the glycerol-3-phosphate.
Cellular localization	Membrane.

Images



Anti-1-AGP acyltransferase 4 antibody
(ab93222) at 1/100 dilution + MDA-MB435
cell line lysate at 35 µg

Predicted band size : 44 kDa

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