

Datasheet for ABIN708671

anti-AGPAT4 antibody (AA 231-330)

6 Images

1 Publication

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Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | AGPAT4 |
| Binding Specificity: | AA 231-330 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AGPAT4 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human Agpat4 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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|---------|--------|
| Target: | AGPAT4 |
|---------|--------|

Target Details

| | |
|-------------------|---|
| Alternative Name: | AGPAT4 (AGPAT4 Products) |
| Background: | <p>Synonyms: 1-AGPAT4, dJ473J16.2, LPAAT-delta, 1-acyl-sn-glycerol-3-phosphate acyltransferase delta, 1-acylglycerol-3-phosphate O-acyltransferase 4, 1-AGP acyltransferase 4, 1-AGPAT 4, Lysophosphatidic acid acyltransferase delta, AGPAT4, UNQ499/PRO1016</p> <p>Background: Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.</p> |
| Gene ID: | 56895 |
| UniProt: | Q9NRZ5 |

Application Details

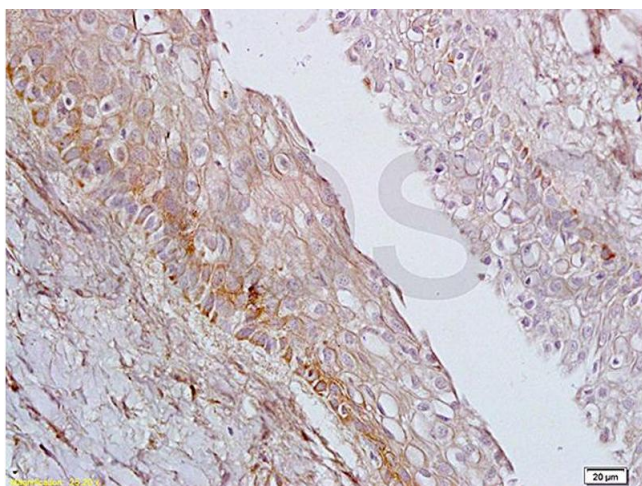
| | |
|--------------------|--|
| Application Notes: | <p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

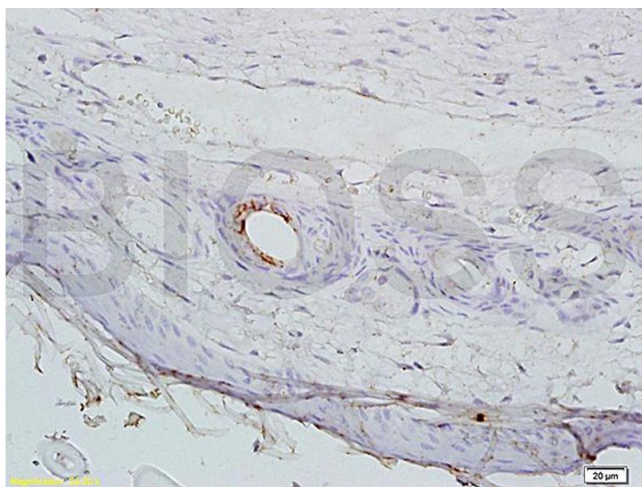
Product cited in: Bradley, Mardian, Marvyn, Vasefi, Beazely, Mielke, Duncan: "Data on acylglycerophosphate acyltransferase 4 (AGPAT4) during murine embryogenesis and in embryo-derived cultured primary neurons and glia." in: **Data in brief**, Vol. 6, pp. 28-32, (2016) ([PubMed](#)).

Images



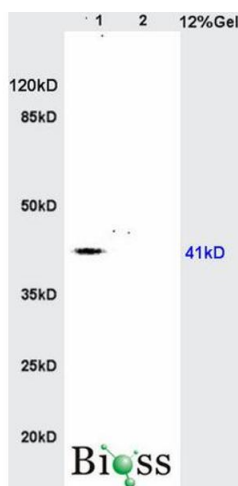
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat ovary tissue labeled with Anti-AGPAT4 Polyclonal Antibody, Unconjugated (ABIN708671) at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse cancer tissue labeled with Anti-AGPAT4 Polyclonal Antibody, Unconjugated (ABIN708671) at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining



SDS-PAGE

Image 3. Lane 1: rat brain lysates Lane 2: rat heart lysates probed with Anti AGPAT4 Polyclonal Antibody, Unconjugated (ABIN708671) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 41kD. Observed band size: 41kD.

Images

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN708671.