



Product datasheet

Anti-AGPAT1 antibody ab235328

1 References 3 Images

Overview

Product name	Anti-AGPAT1 antibody
Description	Rabbit polyclonal to AGPAT1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human AGPAT1 aa 204-283. Sequence:</p> <p>PVPIVMSSYQDFYCKKERRFTSGQCQVRVLPVPTEGLT PDDVPALADR VRHSMLTVFREISTDGRGGGDYLLKPKGGGG</p> <p>Database link: Q99943</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	WB: K562 whole cell lysate. IHC-P: Human kidney and placenta tissue.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab235328** in the following tested applications.

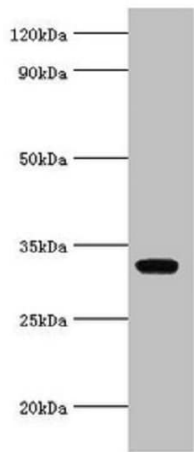
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/200 - 1/1000.
IHC-P		1/20 - 1/200.

Target

Relevance	AGPAT1 converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.
Cellular localization	Membrane; Multi-pass membrane protein.

Images

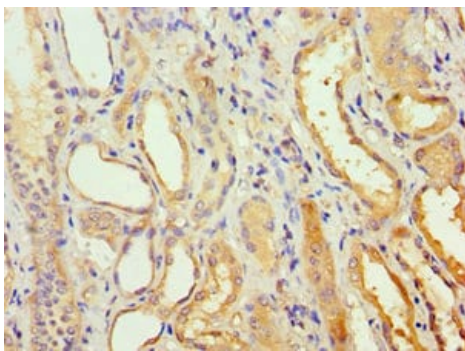


Western blot - Anti-AGPAT1 antibody (ab235328)

Anti-AGPAT1 antibody (ab235328) at 1/200 dilution + K562
(human chronic myelogenous leukemia cell line from bone marrow)
whole cell lysate

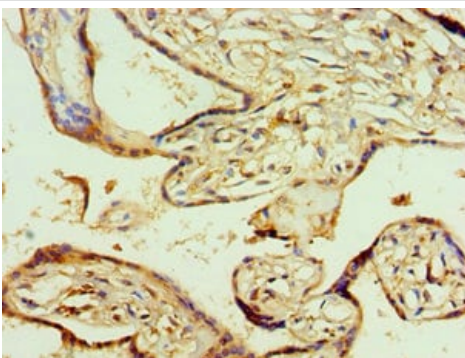
Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AGPAT1 antibody (ab235328)

Paraffin-embedded human kidney tissue stained for AGPAT1 with ab235328 at 1/100 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AGPAT1 antibody (ab235328)

Paraffin-embedded human placenta tissue stained for AGPAT1 with ab235328 at 1/100 dilution in immunohistochemical analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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