




Product datasheet

Anti-SLC25A17 antibody ab220964

1 Image

Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-SLC25A17 antibody  |
| <b>Description</b>         | Rabbit polyclonal to SLC25A17   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> ICC/IF   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse    |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Human SLC25A17 aa 226-268.<br>Sequence:<br>VQSILRFGRHRLNPENRTLGSLRNILYLLHQRVRRFGIMGLY<br>K<br><br>Database link: <a href="#">O43808</a><br><br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>  |
| <b>Positive control</b>    | U-2 OS cells  |
| <b>General notes</b>       | <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 &amp; 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 &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; 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&amp;As.</p> |

## Properties

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|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | 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. |
| <b>Storage buffer</b>       | pH: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS                         |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab220964** 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  |
|-------------|-----------|--|
| ICC/IF      |           | Use a concentration of 0.25 - 2 µg/ml.<br>Fixation/Permeabilization: PFA/Triton X-100. |

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## Target

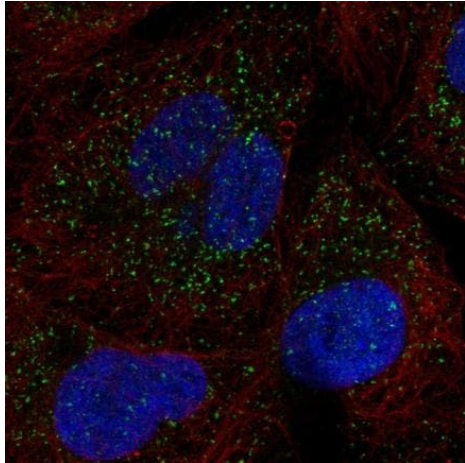
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|                              |   |
|------------------------------|---|
| <b>Function</b>              | Peroxisomal transporter for multiple cofactors like coenzyme A (CoA), flavin adenine dinucleotide (FAD), flavin mononucleotide (FMN) and nucleotide adenosine monophosphate (AMP), and to a lesser extend for nicotinamide adenine dinucleotide (NAD(+)), adenosine diphosphate (ADP) and adenosine 3',5'-diphosphate (PAP). May catalyze the transport of free CoA, FAD and NAD(+) from the cytosol into the peroxisomal matrix by a counter-exchange mechanism. Inhibited by pyridoxal 5'-phosphate and bathophenanthroline in vitro. |
| <b>Tissue specificity</b>    | Ubiquitous. Expressed in liver.   |
| <b>Sequence similarities</b> | Belongs to the mitochondrial carrier family.<br>Contains 3 Solcar repeats.  |
| <b>Domain</b>                | The N- and C-terminal portions are exposed to the cytoplasm. Lacks a typical peroxisomal sorting signal. A region between helical transmembrane domains (TM) 4 and 5 and TM1-TM3 or TM4-TM6 are necessary for the peroxisome-targeting activity.  |
| <b>Cellular localization</b> | Cytoplasm. Peroxisome membrane.   |

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## Images

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Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized U-2 OS cells labeling SLC25A17 with ab220964 at 4 µg/ml. Antibody staining is shown in green.

Immunocytochemistry/ Immunofluorescence - Anti-SLC25A17 antibody (ab220964)

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

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- Replacement or refund for products not performing as stated on the datasheet
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