




Product datasheet

Anti-Slc25a1 antibody ab236320

2 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-Slc25a1 antibody |
| Description | Rabbit polyclonal to Slc25a1 |
| Host species | Rabbit |
| Tested applications | Suitable for: ICC/IF, IHC-P |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat, Cow  |
| Immunogen | Recombinant fragment corresponding to Human Slc25a1 aa 100-200. Database link: P53007  Run BLAST with  Run BLAST with |
| Positive control | IHC-P: Human kidney tissue. ICC/IF: HepG2 cells. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, 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: 7.40 Preservative: 0.03% Proclin 300 Constituents: PBS, 50% Glycerol (glycerin, glycerine) |
| Purity | Protein G purified |
| Purification notes | Purity >95%. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab236320 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 | | 1/50 - 1/200. |
| IHC-P | | 1/20 - 1/200. |

Target

Function

Involved in citrate-H(+)/malate exchange. Important for the bioenergetics of hepatic cells as it provides a carbon source for fatty acid and sterol biosyntheses, and NAD(+) for the glycolytic pathway.

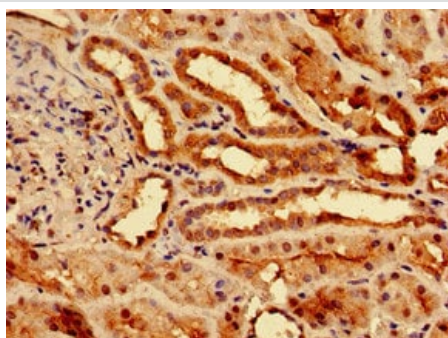
Sequence similarities

Belongs to the mitochondrial carrier family.
Contains 3 Solcar repeats.

Cellular localization

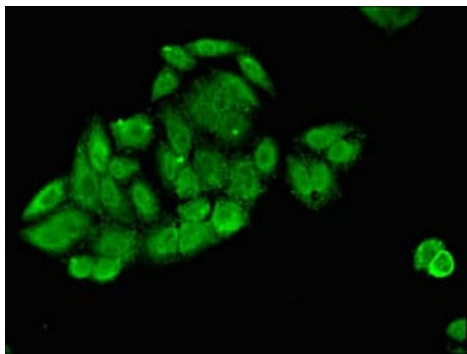
Mitochondrion inner membrane.

Images



Paraffin-embedded human kidney tissue stained for Slc25a1 using ab236320 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Slc25a1 antibody (ab236320)



Immunocytochemistry/ Immunofluorescence - Anti-Slc25a1 antibody (ab236320)

HepG2 (human liver hepatocellular carcinoma cell line) cells stained for Slc25a1 (green) using ab236320 at 1/100 dilution in ICC/IF, followed by Alexa Fluor 488[®] conjugated Goat Anti-Rabbit IgG (H+L).

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
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors