

Product datasheet

Anti-SLC25A11 antibody ab155196

★★★★★ 3 Abreviews 1 References 2 Images

Overview

Product name	Anti-SLC25A11 antibody
Description	Rabbit polyclonal to SLC25A11
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	<p>Reacts with: Human</p> <p>Predicted to work with: Mouse, Rat, Cow, Xenopus laevis, Zebrafish, Xenopus tropicalis </p>
Immunogen	<p>Recombinant fragment corresponding to Human SLC25A11 aa 92-314.</p> <p>Sequence:</p> <pre> ATYTTTRLGITYVLFERLTGADGTPPGFLLKAVIGMTAGATG AFVGTPAE VALIRMTADGRLPADQRRGYKNVFNALIRITREEGVLTWR GCIPTMARA VVVNAAQLASYSQSKQFLDSGYFSDNILCHFCASMISGL VTTAASMPVD IAKTRIQNMRMIDGKPEYKNGLDVLFKVVRYEGFFSLWKG FTPYARLPH TVLTFIFLEQMNKAYKRLFLSG </pre> <p style="text-align: right;"> Run BLAST with Run BLAST with </p>
Positive control	Jurkat, Raji whole cell lysate; U87 xenograft
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>

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.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab155196** in the following tested applications.

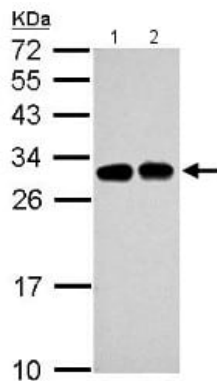
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/1000 - 1/10000. Predicted molecular weight: 34 kDa.
IHC-P		1/100 - 1/1000.

Target

Function	Catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism.
Sequence similarities	Belongs to the mitochondrial carrier family. Contains 3 Solcar repeats.
Cellular localization	Mitochondrion inner membrane.

Images



Western blot - Anti-SLC25A11 antibody (ab155196)

All lanes : Anti-SLC25A11 antibody (ab155196) at 1/5000 dilution

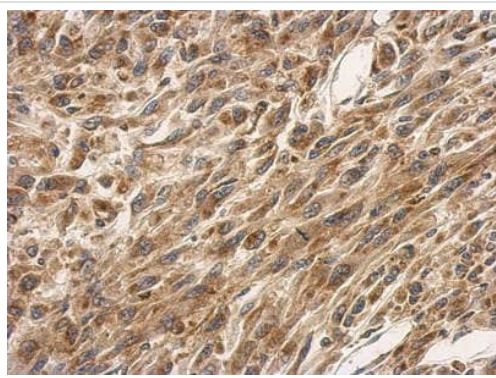
Lane 1 : Jurkat whole cell lysate

Lane 2 : Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 34 kDa

12% SDS PAGE



Immunohistochemical analysis of paraffin-embedded U87 xenograft tissue labeling SLC25A11 with ab155196 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLC25A11 antibody (ab155196)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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