



## Product datasheet

# Anti-SLC38A9 antibody ab130398

1 References 3 Images

### Overview

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<b>Product name</b>	Anti-SLC38A9 antibody
<b>Description</b>	Rabbit polyclonal to SLC38A9
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	<p>Recombinant fragment, corresponding to amino acids 5-105 of Human SLC38A9 (UniProt Q8NBW4).</p> <p> <a href="#">Run BLAST with ExPASy</a>  <a href="#">Run BLAST with NCBI</a></p>
<b>Positive control</b>	Human Plasma and Human liver tissue
<b>General notes</b>	<p>The antibody solution should be gently mixed before use.</p> <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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab130398** 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.
WB		1/250 - 1/500. Predicted molecular weight: 64 kDa.
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

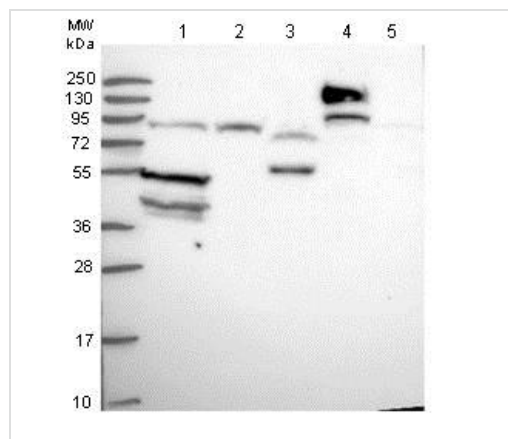
## Target

**Function** Putative sodium-dependent amino acid/proton antiporter.

**Sequence similarities** Belongs to the amino acid/polyamine transporter 2 family.

**Cellular localization** Membrane.

## Images



Western blot - Anti-SLC38A9 antibody (ab130398)

**All lanes** : Anti-SLC38A9 antibody (ab130398) at 1/250 dilution

**Lane 1** : RT4 cell lysate

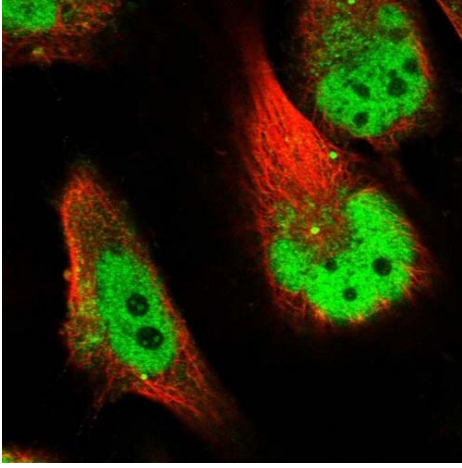
**Lane 2** : U-251 MG cell lysate

**Lane 3** : Human Plasma lysate

**Lane 4** : Human Liver lysate

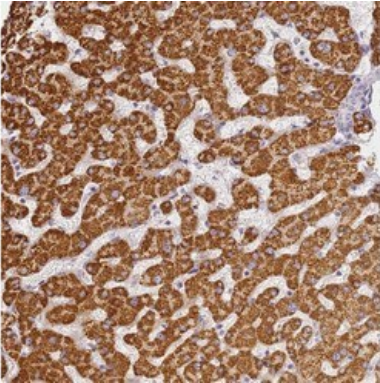
**Lane 5** : Human Tonsil lysate

**Predicted band size:** 64 kDa



Immunocytochemistry/ Immunofluorescence - Anti-SLC38A9 antibody (ab130398)

Immunofluorescent staining of Human cell line U-251 MG shows positivity in nucleus but not nucleoli and vesicles. Recommended concentration of ab130398 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLC38A9 antibody (ab130398)

ab130398, at a dilution of 1/1000, staining SLC38A9 in paraffin-embedded Human liver tissue by Immunohistochemistry.

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

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