

Product datasheet

Anti-SLC27A5 antibody ab89008

[2 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-SLC27A5 antibody |
| Description | Mouse polyclonal to SLC27A5 |
| Host species | Mouse |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Full length Human SLC27A5 (AA48808.1) |
| Positive control | Human liver tissue lysate and SLC27A5 transfected 293T cell lysate. |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: None Constituents: PBS, pH 7.2 |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab89008** in the following tested applications.

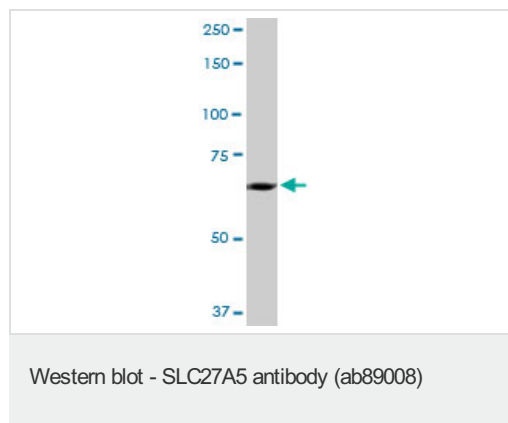
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/500 - 1/1000. Predicted molecular weight: 75 kDa. |

Target

| | |
|------------------------------|---|
| Function | Acyl-CoA synthetase involved in bile acid metabolism. Proposed to catalyze the first step in the conjugation of C24 bile acids (choloneates) to glycine and taurine before excretion into bile canaliculi by activating them to their CoA thioesters. Seems to activate secondary bile acids entering the liver from the enterohepatic circulation. In vitro, also activates 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanate (THCA), the C27 precursor of cholic acid deriving from the de novo synthesis from cholesterol. |
| Tissue specificity | Predominantly expressed in liver. |
| Sequence similarities | Belongs to the ATP-dependent AMP-binding enzyme family. |
| Cellular localization | Endoplasmic reticulum membrane. |

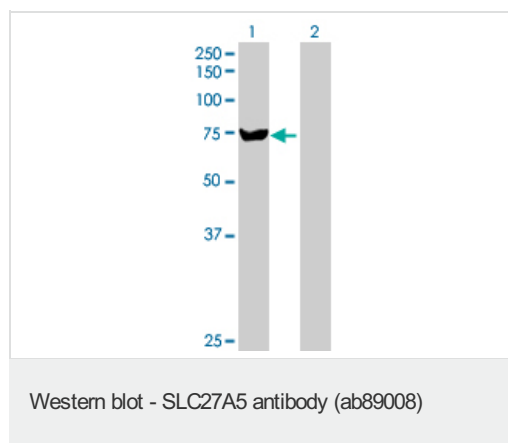
Images



Anti-SLC27A5 antibody (ab89008) at 1/500 dilution + Human liver tissue lysate at 50 µg

Predicted band size: 75 kDa

Observed band size: 68 kDa



All lanes : Anti-SLC27A5 antibody (ab89008) at 1/500 dilution

Lane 1 : SLC27A5 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 75 kDa

Observed band size: 75 kDa

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