

## Anti-SLC25A13 antibody

<b>Cat. No.</b>	ml223159
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-SLC25A13 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human SLC25A13
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	SLC25A13
<b>Full name</b>	solute carrier family 25 (aspartate/glutamate carrier), member 13

**Synonyms** CTLN2; CITRIN; ARALAR2

**Swissprot** Q9UJS0

### **Target Background**

This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene.

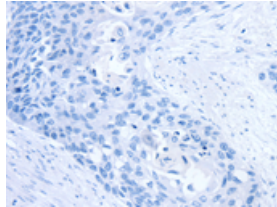
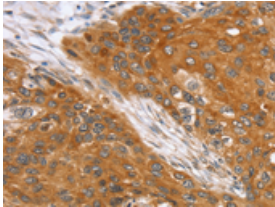
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human esophagus cancer

Recommended dilution: 25-100

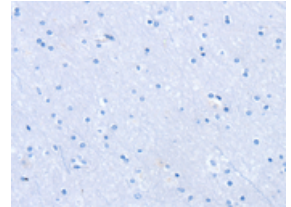
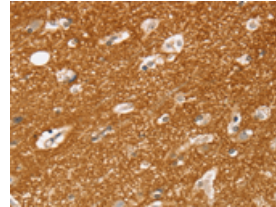


The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml223159(SLC25A13 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml223159(SLC25A13 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 74 kDa

Positive control: Mouse liver tissue and hepg2 cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

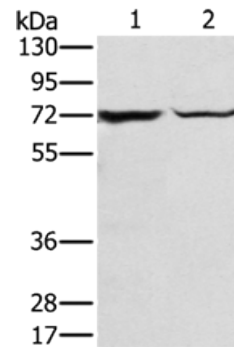
Lysate: 40  $\mu$ g

Lane 1-2: Mouse liver tissue, hepg2 cells

Primary antibody: ml223159(SLC25A13 Antibody) at dilution 1/450

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



## ELISA

Recommended dilution: 2000-5000

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