Anti-SLC27A4 antibody

Cat. No.	ml223165
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-SLC27A4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human SLC27A4
Reactivity	Human, Mouse
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SLC27A4
Full name	solute carrier family 27 (fatty acid transporter), member 4

Synonyms	IPS; FATP4; ACSVL4
Swissprot	Q6P1M0

Target Background

This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome.

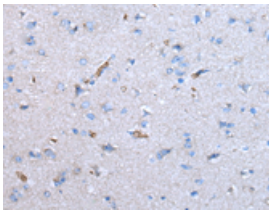
Applications

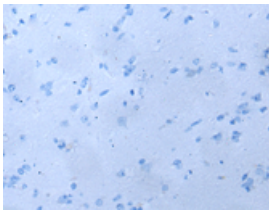
Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100



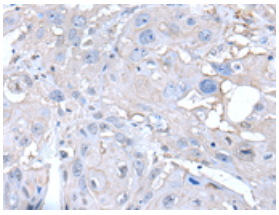


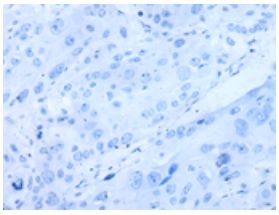
The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml223165(SLC27A4 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: ×200)

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 ml223165(SLC27A4 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:72 kDa

Positive control:PC-3，Hela，293T and HEPG2 cell lysates

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

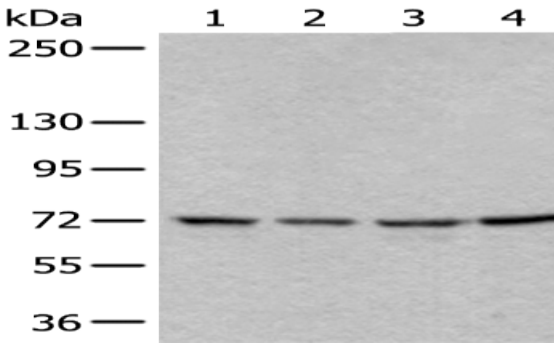
Lysate: 40 μg

Lane 1-4: PC-3，Hela，293T and HEPG2 cell lysates

Primary antibody: ml223165(SLC27A4 Antibody) at dilution 1/350

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

Exposure time: 20 seconds



ELISA

Recommended dilution: 5000-10000

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