

Anti-SLC22A6 antibody

Cat. No.	ml261056
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-SLC22A6 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human SLC22A6
Reactivity	Human, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SLC22A6
Full name	Solute carrier family 22 (organic anion transporter), member 6

Synonyms OAT1, PAHT, HOAT1, ROAT1

Swissprot Q4U2R8

Target Background

The protein encoded by this gene is involved in the sodium-dependent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and may be localized to the basolateral membrane. Four transcript variants encoding four different isoforms have been found for this gene. Functions as organic anion exchanger when the uptake of one molecule of organic anion is coupled with an efflux of one molecule of endogenous dicarboxylic acid (glutarate, ketoglutarate, etc). Mediates the sodium-independent uptake of 2,3-dimercapto-1-propanesulfonic acid (DMPS) By similarity.

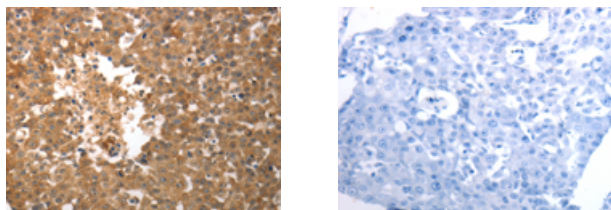
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml261056(SLC22A6 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 56 kDa

Positive control: Human fetal kidney tissue

Recommended dilution: 1000-5000

Gel: 10%SDS-PAGE

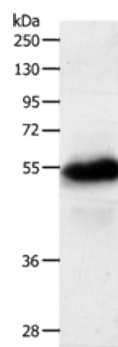
Lysate: 40 µg

Lane: Human fetal kidney tissue

Primary antibody: ml261056(SLC22A6 Antibody) at dilution 1/900

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

Exposure time: 3 minutes



ELISA

Recommended dilution: 2000-10000

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