



Rabbit Anti-SLC22A3 antibody

SL19807R

Product Name:	SLC22A3
Chinese Name:	溶质载体家族蛋白22成员A3抗体
Alias:	EMT; EMT organic cation transporter 3; EMTH; Extraneuronal monoamine transporter; OCT 3; OCT3; Oret 3; Oret3; Organic cation transporter 3; S22A3_HUMAN; SLC22 A3; SLC22A 3; Slc22a3; Solute carrier family 22 (extraneuronal monoamine transporter) member 3; Solute carrier family 22 (organic cation transporter) member 3; Solute carrier family 22 member 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	61kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC22A3:301-400/556
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation

transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. [provided by RefSeq, Jul 2008]

Function:

Mediates potential-dependent transport of a variety of organic cations. May play a significant role in the disposition of cationic neurotoxins and neurotransmitters in the brain.

Subcellular Location:

Membrane.

Tissue Specificity:

Expressed in placenta, skeletal muscle, prostate, aorta, liver, fetal lung, salivary gland, adrenal gland, kidney and brain cortex. No expression detected in spleen.

Similarity:

Belongs to the major facilitator superfamily. Organic cation transporter family.

SWISS:

O75751

Gene ID:

6581

Database links:

[Entrez Gene: 6581](#) Human

[Entrez Gene: 20519](#) Mouse

[Entrez Gene: 29504](#) Rat

[Omim: 604842](#) Human

[SwissProt: O75751](#) Human

[SwissProt: Q9WTW5](#) Mouse

[SwissProt: O88446](#) Rat

[Unigene: 567337](#) Human

[Unigene: 99252](#) Mouse

[Unigene: 24231](#) Rat

	<p>Important Note:</p>
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This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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