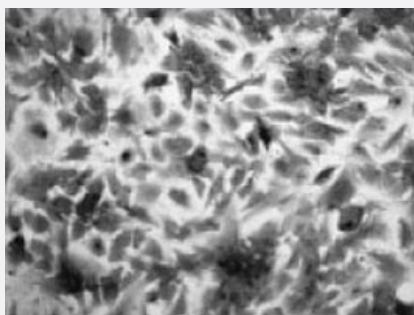


# Slc22a3 polyclonal antibody

Catalog # PAB8479

Size 25 ug

## Applications



### Immunohistochemistry

Immunohistochemical analysis of rat brain astrocyte, using Slc22a3 polyclonal antibody (Cat # PAB8479) .

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of Slc22a3.

**Immunogen** A synthetic peptide corresponding to rat Slc22a3.

**Host** Rabbit

**Reactivity** Rat

**Form** Liquid

**Quality Control Testing** Antibody Reactive Against Synthetic Peptide.

**Recommend Usage** Immunohistochemistry (1-5 ug/mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS (0.1% proclin, 2.0% Block Ace)

**Storage Instruction** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunohistochemistry

Immunohistochemical analysis of rat brain astrocyte, using Slc22a3 polyclonal antibody (Cat # PAB8479) .

## Gene Info — Slc22a3

**Entrez GeneID** [20519](#)

**Gene Name** Slc22a3

**Gene Alias** EMT, Oct3, Orct3, Slca22a3

**Gene Description** solute carrier family 22 (organic cation transporter), member 3

**Gene Ontology** [Hyperlink](#)

**Gene Summary** O

**Other Designations** organic cation transporter 3|solute carrier family 22, member 3

## Publication Reference

- [Behavioral changes following antisense oligonucleotide-induced reduction of organic cation transporter-3 in mice.](#)

Kitaichi K, Fukuda M, Nakayama H, Aoyama N, Ito Y, Fujimoto Y, Takagi K, Takagi K, Hasegawa T.

Neuroscience Letters 2005 Jul; 382(1-2):195.

Application: WB-Ti, Mouse, Brain

- [Expression and functional characterization of the extraneuronal monoamine transporter in normal human astrocytes.](#)

Inazu M, Takeda H, Matsumiya T.

Journal of Neurochemistry 2003 Jan; 84(1):43.

Application: ICC, WB-Ce , Human, Astrocytes

- [Cellular and molecular aspects of drug transport in the kidney.](#)

Inui KI, Masuda S, Saito H.

Kidney International 2000 Sep; 58(3):944.

- [Structure, function, and regional distribution of the organic cation transporter OCT3 in the kidney.](#)

Wu X, Huang W, Ganapathy ME, Wang H, Kekuda R, Conway SJ, Leibach FH, Ganapathy V.

American Journal of Physiology. Renal Physiology 2000 Sep; 279(3):F499.

- [Identity of the organic cation transporter OCT3 as the extraneuronal monoamine transporter \(uptake2\) and evidence for the expression of the transporter in the brain.](#)

Wu X, Kekuda R, Huang W, Fei YJ, Leibach FH, Chen J, Conway SJ, Ganapathy V.

The Journal of Biological Chemistry 1998 Dec; 273(49):32776.