

**SLC22A17 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51513****Specification**

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**SLC22A17 Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q8WUG5</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58 KDa

**SLC22A17 Antibody - Additional Information****Gene ID** 51310**Other Names**

Solute carrier family 22 member 17, 24p3 receptor, 24p3R, Brain-type organic cation transporter, Lipocalin-2 receptor, Neutrophil gelatinase-associated lipocalin receptor, NgaiR, SLC22A17, BOCT, BOIT

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**SLC22A17 Antibody - Protein Information****Name** SLC22A17**Synonyms** BOCT, BOIT**Function**

Cell surface receptor for LCN2 (24p3) that plays a key role in iron homeostasis and transport. Able to bind iron-bound LCN2 (holo- 24p3), followed by internalization of holo-24p3 and release of iron, thereby increasing intracellular iron concentration and leading to inhibition of apoptosis. Also binds iron-free LCN2 (apo-24p3), followed by internalization of apo-24p3 and its association with an intracellular siderophore, leading to iron chelation and iron transfer to the extracellular medium, thereby reducing intracellular iron concentration and resulting in apoptosis (By similarity).

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Vacuole membrane; Multi-pass membrane protein. Note=Upon LCN2-binding, it is internalized

**Tissue Location**

Expressed in brain.

### **SLC22A17 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **SLC22A17 Antibody - Images**

### **SLC22A17 Antibody - Background**

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### **SLC22A17 Antibody - References**

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Li W.B.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.  
Heilig R.,et al.Nature 421:601-607(2003).  
Bruess M.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.  
Devireddy L.R.,et al.Cell 123:1293-1305(2005).