

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

SLC22A17 Antibody - Product Information

Application	WB, E
Primary Accession	Q8WUG5
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

Fang W.K., et al. Biochem. J. 403:297-303(2007).
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).