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Datasheet for ABIN7170141  
**anti-SLC22A17 antibody (AA 1-99) (Biotin)**

### Overview

Quantity:	100 µg
Target:	SLC22A17
Binding Specificity:	AA 1-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A17 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Solute carrier family 22 member 17 protein (1-99AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	SLC22A17
Alternative Name:	SLC22A17 ( <a href="#">SLC22A17 Products</a> )
Background:	Background: 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-

## Target Details

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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.

Aliases: 24p3 receptor antibody, 24p3R antibody, BOCT antibody, BOIT antibody, Brain type organic cation transporter antibody, Brain-type organic cation transporter antibody, hBOIT antibody, Lipocalin-2 receptor antibody, Neutrophil gelatinase associated lipocalin receptor antibody, Neutrophil gelatinase-associated lipocalin receptor antibody, NGAL receptor antibody, NgalR antibody, NGALR2 antibody, NGALR3 antibody, OTTHUMP00000082690 antibody, OTTHUMP00000082691 antibody, Potent brain type organic ion transporter antibody, S22AH\_HUMAN antibody, Slc22a17 antibody, Solute carrier family 22 member 17 antibody, Solute carrier family 22 organic cation transporter member 17 antibody

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UniProt: [Q8WUG5](#)

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Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.