

## S28A1 Polyclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody  |
| <b>Code</b>                    | BT-AP14009  |
| <b>Host</b>                    | Rabbit  |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 100ul, 50ul, 20ul   |
| <b>Immunogen</b>               | Synthesized peptide derived from part region of human protein   |
| <b>Mol wt</b>                  | N/A   |
| <b>Species reactivity</b>      | Human, Mouse, Rat   |
| <b>Clonality</b>               | Polyclonal  |
| <b>Recommended application</b> | WB, ELISA   |
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Full name</b>               | Sodium/nucleoside cotransporter 1   |
| <b>Synonyms</b>                | Sodium/nucleoside cotransporter 1 ;Concentrative nucleoside transporter 1;CNT 1;hCNT1;Na <sup>+</sup> /nucleoside cotransporter 1;Sodium-coupled nucleoside transporter 1;Solute carrier family 28 member |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Sodium-dependent and pyrimidine-selective. Exhibits the transport characteristics of the nucleoside transport system cit or N2 subtype (N2/cit) (selective for pyrimidine nucleosides and adenosine). It also transports the antiviral pyrimidine nucleoside analogs 3'-azido-3'-deoxythymidine (AZT) and 2',3'-dideoxycytidine (ddC). It may be involved in the intestinal absorption and renal handling of pyrimidine nucleoside analogs used to treat acquired immunodeficiency syndrome (AIDS). It has the following selective inhibition: adenosine, thymidine, cytidine, uridine >> guanosine, inosine..polymorphism:Three variant forms of isoform 1 (A, B and C) are expressed in the kidney. All three variant forms have similar nucleoside transport activity.,Belongs to the concentrative nucleoside transporter (CNT) (TC 2.A.41) family.,tissue specificity:Expressed in kidney.,

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year