

## SLC28A1 polyclonal antibody

Catalog: BS60251

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Nucleosides play a role in signaling in several physiologic systems, and synthetic analogs of natural nucleosides are often used to treat neoplastic and viral diseases. Plasma membrane transport of nucleosides is mediated by equilibrative and concentrative nucleoside transporters, which may have specificity for purines or pyrimidines. The deduced human 650 amino acid concentrative nucleoside transporter 1 (CNT1) protein is 83% identical to the rat protein and is expressed in the intestine, kidney and liver. CNT1, also designated solute carrier family 28 (sodium-coupled nucleoside transporter), member 1 (SLC28A1), expedites sodium-dependent fluxes of uridine, azidodeoxythymidine (AZT) and adenosine, but not of guanosine or deoxyadenosine, which undergo net renal secretion. CNT1 activity may serve as a putative mechanism for renal reabsorption of physiologic nucleosides and synthetic nucleoside drugs.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 71 kDa

### Swiss-Prot:

O00337

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

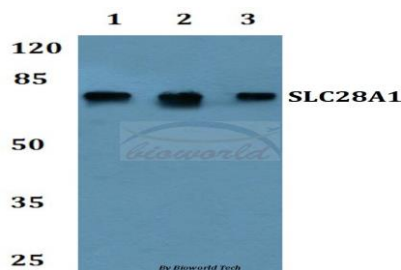
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

SLC28A1 polyclonal antibody detects endogenous levels of SLC28A1 protein.

### DATA:



Western blot (WB) analysis of SLC28A1 polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Mouse brain tissue lysate

Lane3: H9C2 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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