

产品名称: CNT2 Rabbit Polyclonal Antibody  
产品货号: APRab09136



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | CNT2 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody      |
| 宿主 (Host)              | Rabbit                          |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA             |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                 |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | SLC28A2                                                                                                                                                                                                                                          |
| 别名 (Alternative Names) | SLC28A2; CNT2; Sodium/nucleoside cotransporter 2; Concentrative nucleoside transporter 2; CNT 2; hCNT2; Na(+)/nucleoside cotransporter 2; Sodium-coupled nucleoside transporter 2; Sodium/purine nucleoside co-transporter; SPNT; Solute carrier |
| 基因 ID (Gene ID)        | 9153.0                                                                                                                                                                                                                                           |
| 蛋白 ID (SwissProt ID)   | O43868.The antiserum was produced against synthesized peptide derived from human SLC28A2. AA range:371-420                                                                                                                                       |

## 产品应用 (Application)

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio) | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
|----------------------|------------------------------------------------------------------------|

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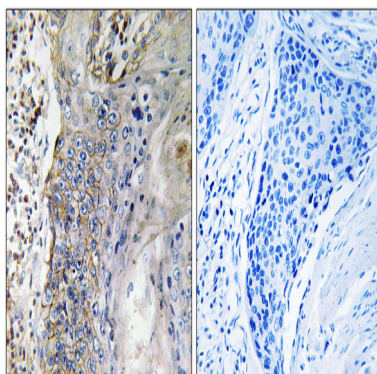
蛋白分子量 (Molecular Weight) 65kDa

## 研究背景 (Background)

enzyme regulation:Inhibited by formycin B.,function:Sodium-dependent and purine-selective transporter. Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues.,similarity:Belongs to the concentrative nucleoside transporter (CNT) (TC 2.A.41) family.,tissue specificity:Expressed in heart and skeletal muscle followed by liver, kidney, intestine, pancreas, placenta and brain. Weak expression in lung.,enzyme regulation:Inhibited by formycin B.,function:Sodium-dependent and purine-selective transporter. Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues.,similarity:Belongs to the concentrative nucleoside transporter (CNT) (TC 2.A.41) family.,tissue specificity:Expressed in heart and skeletal muscle followed by liver, kidney, intestine, pancreas, placenta and brain. Weak expression in lung.,

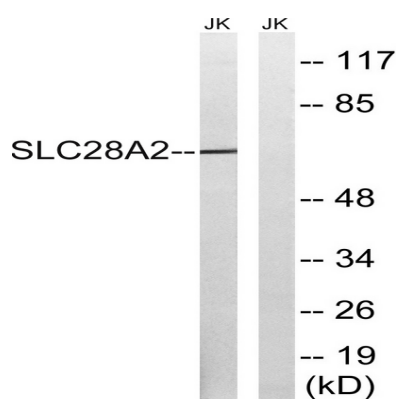
## 研究领域 (Research Area)

## 图片 (Image Data)

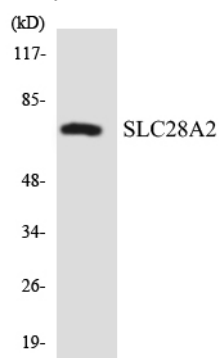


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using SLC28A2 Antibody. The picture on the right is blocked with the synthesized peptide.

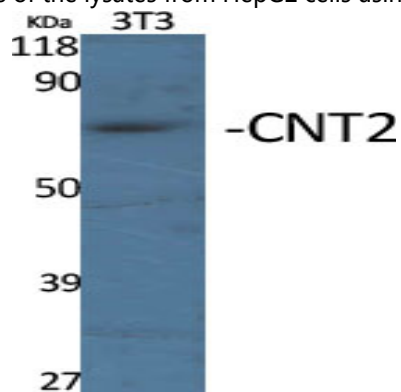
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Western blot analysis of lysates from Jurkat cells, using SLC28A2 Antibody. The lane on the right is blocked with the synthesized peptide.

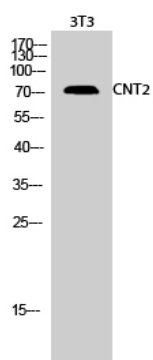


Western blot analysis of the lysates from HepG2 cells using SLC28A2 antibody.



Western Blot analysis of various cells using CNT2 Polyclonal Antibody

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Western Blot analysis of 3T3 cells using CNT2 Polyclonal Antibody

### 注意事项 (Note)

For research use only .