

## 兔抗 SLC8A2 多克隆抗体

中文名称：兔抗 SLC8A2 多克隆抗体

英文名称：Anti-SLC8A2 rabbit polyclonal antibody

别名：NCX2

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：SLC8A2

反应种属：Human, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

Sodium/calcium exchanger proteins are integral membrane proteins primarily seen in cardiac cells. In cardiac myocytes, the concentration of  $\text{Ca}^{2+}$  alternates between low levels during relaxation and high levels during contraction. The  $\text{Na}^{+}/\text{Ca}^{2+}$  exchanger 1 (NCX1) protein mediates  $\text{Ca}^{2+}$  extrusion from cardiac cells during relaxation. Four NCX1 isoforms (NCX1.1, NCX1.3, NCX1.7, and NCX1.10) result from alternate splicing. NCX1 mRNA is present at high levels in the heart, with lower levels present in the brain. NCX2 is most abundantly expressed in brain, in contrast to the broader distribution of NCX1, which is also expressed in heart, kidney, lung, smooth and skeletal muscle. The difference in expression for the transporter subtypes is believed to reflect differences in their functional roles.

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|------------------------------------|---|
|                                    | Regulation mechanisms for these exchanger proteins have not been fully characterized. |
| <b>Applications:</b>               | ELISA, IHC  |
| <b>Name of antibody:</b>           | SLC8A2  |
| <b>Immunogen:</b>                  | Synthetic peptide of human SLC8A2   |
| <b>Full name:</b>                  | solute carrier family 8 (sodium/calcium exchanger), member 2                          |
| <b>Synonyms :</b>                  | NCX2  |
| <b>SwissProt:</b>                  | Q9UPR5  |
| <b>ELISA Recommended dilution:</b> | 1000-2000   |
| <b>IHC positive control:</b>       | Human thyroid cancer and Human gastric cancer   |
| <b>IHC Recommend dilution:</b>     | 25-100  |

