

## 兔抗 SLC8A1 多克隆抗体

中文名称：兔抗 SLC8A1 多克隆抗体

英文名称：Anti-SLC8A1 rabbit polyclonal antibody

别名：NCX1

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：SLC8A1

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

<b>Background:</b>	<p>In cardiac myocytes, <math>\text{Ca}^{2+}</math> concentrations alternate between high levels during contraction and low levels during relaxation. The increase in <math>\text{Ca}^{2+}</math> concentration during contraction is primarily due to release of <math>\text{Ca}^{2+}</math> from intracellular stores. However, some <math>\text{Ca}^{2+}</math> also enters the cell through the sarcolemma (plasma membrane). During relaxation, <math>\text{Ca}^{2+}</math> is sequestered within the intracellular stores. To prevent overloading of intracellular stores, the <math>\text{Ca}^{2+}</math> that entered across the sarcolemma must be extruded from the cell. The <math>\text{Na}^{+}</math>-<math>\text{Ca}^{2+}</math> exchanger is the primary mechanism by which the <math>\text{Ca}^{2+}</math> is extruded from the cell during relaxation. In the heart, the exchanger may play a key role in digitalis action. The exchanger is the dominant mechanism in returning the cardiac myocyte to its resting state following excitation.</p>
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<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	SLC8A1
<b>Immunogen:</b>	Synthetic peptide of human SLC8A1
<b>Full name:</b>	solute carrier family 8 (sodium/calcium exchanger), member 1
<b>Synonyms:</b>	NCX1
<b>SwissProt:</b>	P32418
<b>ELISA Recommended dilution:</b>	500-1000
<b>IHC positive control:</b>	Human brain and human tonsil
<b>IHC Recommend dilution:</b>	25-100



