

## 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

#### Background:

In cardiac myocytes, Ca(2+) concentrations alternate between high levels during contraction and low levels during relaxation. The increase in Ca(2+) concentration during contraction is primarily due to release of Ca(2+) from intracellular stores. However, some Ca(2+) also enters the cell through the sarcolemma (plasma membrane). During relaxation, Ca(2+) is sequestered within the intracellular stores. To prevent overloading of intracellular stores, the Ca(2+) that entered across the sarcolemma must be extruded from the cell. The Na(+)-Ca(2+) exchanger is the primary mechanism by which the Ca(2+) 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.
<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



