

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

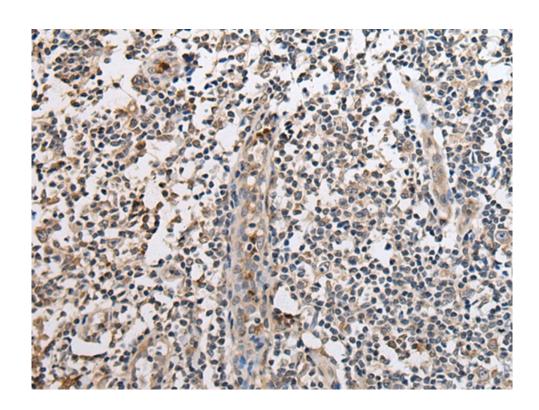
Background:

In cardiac myocytes, Ca(2+) concentrations alternate betw een high levels during contraction and low levels during r elaxation. The increase in Ca(2+) concentration during con traction is primarily due to release of Ca(2+) from intracel lular stores. However, some Ca(2+) also enters the cell thr ough the sarcolemma (plasma membrane). During relaxati on, Ca(2+) is sequestered within the intracellular stores. T o prevent overloading of intracellular stores, the Ca(2+) t hat entered across the sarcolemma must be extruded from the cell. The Na(+)-Ca(2+) exchanger is the primary me chanism 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



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	state following excitation.
Applications:	ELISA, IHC
Name of antibody:	SLC8A1
Immunogen:	Synthetic peptide of human SLC8A1
Full name:	solute carrier family 8 (sodium/calcium exchanger), memb
	er 1
Synonyms:	NCX1
SwissProt:	P32418
ELISA Recommended dilution:	500-1000
IHC positive control:	Human brain and human tonsil
IHC Recommend dilution:	25-100





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