NCX1 Rabbit pAb

db9083 **Package : 20μL 50μL 100μL**

Product Name : NCX1 Rabbit pAb
Cat.No.: db9083
Synonyms : NCX1
Application : WB
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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.[supplied by OMIM, Apr 2004]
Immunogen	A synthetic peptide of human NCX1
Gene ID	6546
Swiss Prot	P32418
Synonyms	NCX1
Reactivity	Human, Mouse, Rat
Application	WB
Recommended dilution	WB: 1:1000
Calculated MW	109 kDa
Observed MW	109 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.