

NCX2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57741**Specification**

NCX2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9UPR5
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100368

NCX2 Polyclonal Antibody - Additional Information**Gene ID** 6543**Other Names**

Sodium/calcium exchanger 2, Na(+)/Ca(2+)-exchange protein 2, Solute carrier family 8 member 2, SLC8A2, KIAA1087, NCX2

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NCX2 Polyclonal Antibody - Protein Information**Name** SLC8A2**Synonyms** KIAA1087, NCX2**Function**

Mediates the electrogenic exchange of Ca(2+) against Na(+) ions across the cell membrane, and thereby contributes to the regulation of cytoplasmic Ca(2+) levels and Ca(2+)-dependent cellular processes. Contributes to cellular Ca(2+) homeostasis in excitable cells. Contributes to the rapid decrease of cytoplasmic Ca(2+) levels back to baseline after neuronal activation, and thereby contributes to modulate synaptic plasticity, learning and memory. Plays a role in regulating urinary Ca(2+) and Na(+) excretion.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P48768}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P48768}. Basolateral cell membrane {ECO:0000250|UniProtKB:Q8K596}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q8K596}. Perikaryon {ECO:0000250|UniProtKB:P48768}. Cell projection, dendrite {ECO:0000250|UniProtKB:P48768}. Cell projection, dendritic spine {ECO:0000250|UniProtKB:P48768}

NCX2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NCX2 Polyclonal Antibody - Images