

## NCKX2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11727
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 440-520
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Sodium/potassium/calcium exchanger 2
<b>Synonyms</b>	Sodium/potassium/calcium exchanger 2 ;Na <sup>+</sup> /K <sup>+</sup> /Ca <sup>2+</sup> -exchange protein 2;Retinal cone Na-Ca+K exchanger;Solute carrier family 24 member 2

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes a member of the calcium/cation antiporter superfamily of transport proteins. The encoded protein belongs to the SLC24 branch of exchangers, which can mediate the extrusion of one Ca<sup>2+</sup> ion and one K<sup>+</sup> ion in exchange for four Na<sup>+</sup> ions. This family member is a retinal cone/brain exchanger that can mediate a light-induced decrease in free Ca<sup>2+</sup> concentration. This protein may also play a neuroprotective role during ischemic brain injury. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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