

# SLC24A2 Rabbit pAb

**Catalog No.: A16506**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

74kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## 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  $\text{Ca}^{2+}$  ion and one  $\text{K}^{+}$  ion in exchange for four  $\text{Na}^{+}$  ions. This family member is a retinal cone/brain exchanger that can mediate a light-induced decrease in free  $\text{Ca}^{2+}$  concentration. This protein may also play a neuroprotective role during ischemic brain injury. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Immunogen Information

### Gene ID

25769

### Swiss Prot

Q9UI40

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of human SLC24A2 (NP\_001180217.1).

### Synonyms

NCKX2; SLC24A2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.