

A16506

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SLC24A2 Rabbit pAb

Catalog No.: A16506

Basic Information

Observed MW

Refer to figures

Calculated MW

74kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

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 Ca^{2+} ion and one K^{+} ion in exchange for four Na^{+} ions. This family member is a retinal cone/brain exchanger that can mediate a light-induced decrease in free 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

ELISA Recommended starting concentration is 1 $\mu\text{g/mL}$. Please optimize the concentration based on your specific assay requirements.

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



www.abclonal.com

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, pH 7.3.