

## Anti-SLC24A2 Antibody Picoband® Biotin Conjugated

Catalog Number: A11621-1-Biotin

### About SLC24A2

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.

### Overview

Product Name	Anti-SLC24A2 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9UI40

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SLC24A2.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.

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