



Anti-SLC24A2 (extracellular domain) polyclonal antibody (CABT-BL3309)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide: DLNDKIRDYTPQP. Immunizing peptide corresponds to amino acid residues 90-102 from rat NCX2. This sequence is predicted to be on the extracellular side of the plasma membrane.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-Fr
Cellular Localization	Plasma membrane
Format	Liquid
Buffer	PBS, 1 mg/ml BSA and 0.05% sodium azide
Preservative	0.05% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction 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 Ca²⁺ 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 Ca²⁺ concentration. This protein may also play a neuroprotective role during ischemic brain injury. Alternative;splicing results in multiple transcript variants.

GENE INFORMATION

Entrez Gene ID	84550
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Protein Refseq	NP_113931
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UniProt ID	O54701
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