

SLC8A3 Conjugated Antibody

Catalog No: #C37178



Package Size: #C37178-AF350 100ul #C37178-AF405 100ul #C37178-AF488 100ul
 #C37178-AF555 100ul #C37178-AF594 100ul #C37178-AF647 100ul
 #C37178-AF680 100ul #C37178-AF750 100ul #C37178-Biotin 100ul

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Description

Product Name	SLC8A3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC8A3 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Solute carrier family 8 (sodium/calcium exchanger), member 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NCX3
Accession No.	Swiss-Prot#:P57103NCBI Gene ID:6547NCBI Protein#:NP_055878
Uniprot	P57103
GeneID	6547;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a member of the sodium/calcium exchanger integral membrane protein family. Three mammalian isoforms in family 8 have been identified. Na⁺/Ca²⁺ exchange proteins are involved in maintaining Ca²⁺ homeostasis in a wide variety of cell types. The protein is regulated by intracellular calcium ions and is found in both the plasma membrane and intracellular organellar membranes, where exchange of Na⁺ for Ca²⁺ occurs in an electrogenic manner. Alternative splicing has been observed for this gene and multiple variants have been described.

Note: This product is for in vitro research use only