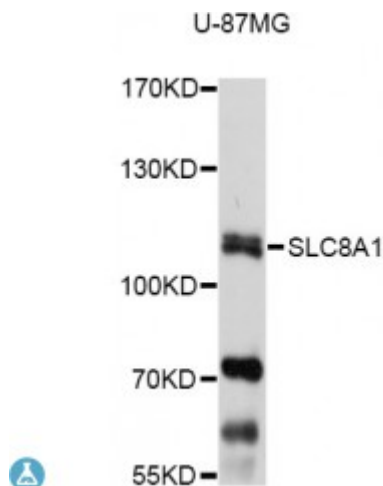


Anti-SLC8A1 Antibody



Model	STJ116314
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-520 of human SLC8A1 (NP_066920.1).
Gene ID	6546
Gene Symbol	SLC8A1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Detected primarily in heart and at lower levels in brain
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Sodium/calcium exchanger 1 Na ⁺ /Ca ²⁺ -exchange protein 1 Solute carrier family 8 member 1
Molecular Weight	108.547 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11068 OMIM:182305 Reactome:R-HSA-418359

Alternative Names	Sodium/calcium exchanger 1 Na ⁺ /Ca ²⁺ -exchange protein 1 Solute carrier family 8 member 1
Function	Mediates the exchange of one Ca ²⁺ ion against three to four Na ⁺ ions across the cell membrane, and thereby contributes to the regulation of cytoplasmic Ca ²⁺ levels and Ca ²⁺ -dependent cellular processes levels rapidly return to baseline, Required for normal embryonic heart development and the onset of heart contractions,
Cellular Localization	Cell membrane

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