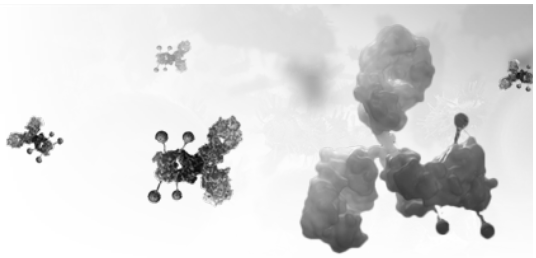

# Human SLC9A1 blocking peptide (CDBP2038)

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

## PRODUCT INFORMATION

| | |
|---|---|
| **Product Overview** | Blocking peptide for anti-Nhe-1 antibody |
| **Antigen Description** | This gene encodes a Na+/H+ antiporter that is a member of the solute carrier family 9. The encoded protein is a plasma membrane transporter that is expressed in the kidney and intestine. This protein plays a central role in regulating pH homeostasis, cell migration and cell volume. This protein may also be involved in tumor growth. [provided by RefSeq, Sep 2011] |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | BL |
| **Format** | Liquid |
| **Concentration** | 200 µg/ml |
| **Size** | 50 µg |
| **Buffer** | PBS containing 0.02% sodium azide |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Store at -20℃, stable for one year. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | SLC9A1 solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1 [ Homo sapiens (human) ] |
| **Official Symbol** | SLC9A1 |

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|---|---|
| **Synonyms** | SLC9A1; solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1; APNH; NHE1; NHE-1; sodium/hydrogen exchanger 1; Na(+)/H(+) exchanger 1; Na-Li countertransporter; solute carrier family 9 (sodium/hydrogen exchanger), member 1 (antiporter, Na+/H+, amiloride sensitive); solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na+/H+, amiloride sensitive); |
| **Entrez Gene ID** | 6548 |
| **mRNA Refseq** | NM_003047.4 |
| **Protein Refseq** | NP_003038.2 |
| **UniProt ID** | B2RAH2 |
| **Chromosome Location** | 1p36.1-p35 |
| **Pathway** | Adrenergic signaling in cardiomyocytes, organism-specific biosystem; Adrenergic signaling in cardiomyocytes, conserved biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle contraction, conserved biosystem; Disease, organism-specific biosystem; Endothelins, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; G Protein Signaling Pathways, organism-specif |
| **Function** | calcium-dependent protein binding; calmodulin binding; protein binding; sodium:hydrogen antiporter activity; sodium:hydrogen antiporter activity; solute:hydrogen antiporter activity; |

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