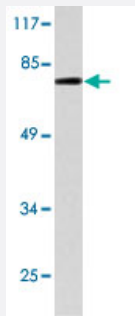


SLC9A7 polyclonal antibody

Catalog # PAB27160 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with SLC9A7 polyclonal antibody (Cat # PAB27160).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SLC9A7.
Immunogen	A synthetic peptide corresponding to human SLC9A7.
Host	Rabbit
Theoretical MW (kDa)	80
Reactivity	Human, Mouse
Specificity	SLC9A7 polyclonal antibody detects endogenous levels of SLC9A7 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with SLC9A7 polyclonal antibody (Cat # PAB27160).

Gene Info — SLC9A7

Entrez GeneID[84679](#)**Protein Accession#**[Q96T83](#)**Gene Name**

SLC9A7

Gene Alias

NHE7, SLC9A6

Gene Description

solute carrier family 9 (sodium/hydrogen exchanger), member 7

Omim ID[300368](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Organelles of the secretory and endocytic pathways are distinguished by their luminal acidity, which is generated by the activity of an electrogenic vacuolar-type hydrogen ATPase. Progressive acidification of vesicles in the endocytic pathway is essential for the redistribution and degradation of internalized membrane proteins, such as ligand receptor complexes and fluid-phase solutes. This gene is expressed predominantly in the trans-Golgi network, and mediates the influx of sodium or potassium in exchange for hydrogen. It may thus play an important role in maintaining cation homeostasis and function of the trans-Golgi network. This gene is part of a gene cluster on chromosome Xp11.23. [provided by RefSeq]

Other Designations

OTTHUMP00000023187|nonselective sodium potassium/proton exchanger|sodium/hydrogen exchanger 7|solute carrier family 9 (sodium/hydrogen exchanger), isoform 7|solute carrier family 9, member 7