



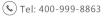


NHE-7 Monoclonal Antibody

Catalog No	YP-mAb-16483
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC9A7
Protein Name	Sodium/hydrogen exchanger 7
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC9A7. AA range:531-580
Specificity	NHE-7 Monoclonal Antibody detects endogenous levels of NHE-7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SLC9A7; NHE7; Sodium/hydrogen exchanger 7; Na(+)/H(+) exchanger 7; NHE-7; Solute carrier family 9 member 7
Observed Band	80kD
Cell Pathway	Golgi apparatus, trans-Golgi network membrane ; Multi-pass membrane protein . Recycling endosome membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Ubiquitously expressed.
Function	function:Mediates electroneutral exchange of protons for Na(+) and K(+) across endomembranes. May contribute to Golgi volume and cation homeostasis.,miscellaneous:Is not inhibited by amiloride but by benzamil and quinine.,similarity:Belongs to the monovalent cation:proton antiporter 1 (CPA1) transporter (TC 2.A.36) family.,subunit:Interacts with SCAMP1, SCAMP2 and SCAMP5; may participate in its shuttling from trans-Golgi network to recycling endosomes.,tissue specificity:Ubiquitously expressed.,
Background	This gene encodes a sodium and potassium/ proton antiporter that is a member of the solute carrier family 9 protein family. The encoded protein is primarily localized to the trans-Golgi network and is involved in maintaining pH homeostasis in organelles along the secretory and endocytic pathways. This



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gene cluster on chromosome Xp11.23. A pseudogene of this gene is found on chromosome 12. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

