

NHE-7 Polyclonal Antibody

YT3118 Catalog No:

Human; Mouse; Rat Reactivity:

Applications: WB;ELISA

Target: NHE-7

Fields: >>Cardiac muscle contraction

Gene Name: SLC9A7

Protein Name: Sodium/hydrogen exchanger 7

Q96T83

236727

Q8BLV3

Human Gene Id: 84679

Human Swiss Prot

No:

Mouse Gene Id:

Mouse Swiss Prot

No:

The antiserum was produced against synthesized peptide derived from human Immunogen:

SLC9A7. AA range:531-580

Specificity: NHE-7 Polyclonal Antibody detects endogenous levels of NHE-7 protein.

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Formulation:

Source: Polyclonal, Rabbit, IgG

WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications. **Dilution:**

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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-15°C to -25°C/1 year(Do not lower than -25°C) **Storage Stability:**

Observed Band: 80kD

This gene encodes a sodium and potassium/ proton antiporter that is a member **Background:**

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 protein may enhance cell growth of certain breast tumors. This gene is part of a 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],

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 guinine., 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.,

Subcellular Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein Location:

. Recycling endosome membrane; Multi-pass membrane protein. Cell membrane

; Multi-pass membrane protein .

Expression: Ubiquitously expressed.

Sort: 10839

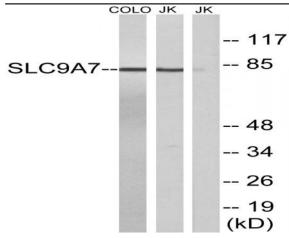
No4:

Rabbit Host:

Modifications: Unmodified

Products Images

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Western blot analysis of lysates from Jurkat and COLO cells, using SLC9A7 Antibody. The lane on the right is blocked with the synthesized peptide.