

NCKX6 Polyclonal Antibody

Catalog No: YT2995

Reactivity: Human; Rat; Mouse;

Applications: WB;IHC;IF;ELISA

Target: NCKX6

Gene Name: SLC24A6

Protein Name: Sodium/potassium/calcium exchanger 6

Q6J4K2

Q925Q3

Human Gene Id: 80024

Human Swiss Prot

No:

Mouse Swiss Prot

No:

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

SLC24A6. AA range:494-543

Specificity: NCKX6 Polyclonal Antibody detects endogenous levels of NCKX6 protein.

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

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. ELISA: 1:20000.. IF 1:50-200

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

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

Observed Band: 60kD

1/3



Background: SLC24A6 belongs to a family of potassium-dependent sodium/calcium

exchangers that maintain cellular calcium homeostasis through the electrogenic countertransport of 4 sodium ions for 1 calcium ion and 1 potassium ion (Cai and

Lytton, 2004 [PubMed 14625281]).[supplied by OMIM, Mar 2008],

Function: function: Transports Ca(2+) in exchange for either Li(+) or Na(+), explaining how

Li(+) catalyzes Ca(2+) exchange. In contrast to other members of the family its

function is independent of K(+).,miscellaneous:Strongly inhibited by

zinc., similarity: Belongs to the sodium/potassium/calcium exchanger family.

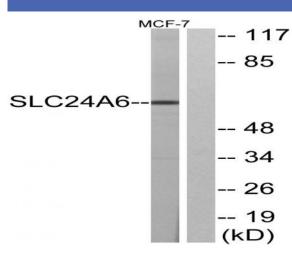
SLC24A subfamily.,

Subcellular Location:

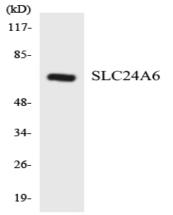
Mitochondrion inner membrane; Multi-pass membrane protein.

Expression: Present in pancreatic beta-cells (at protein level).

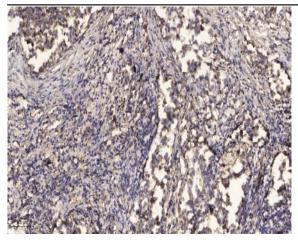
Products Images



Western blot analysis of lysates from MCF-7 cells, using SLC24A6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using SLC24A6 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).