

## **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).

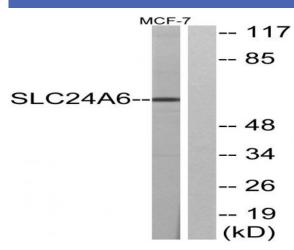
**Sort :** 10613

**No4**: 1

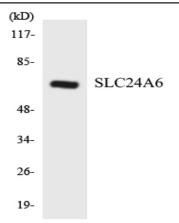
**Host:** Rabbit

Modifications: Unmodified

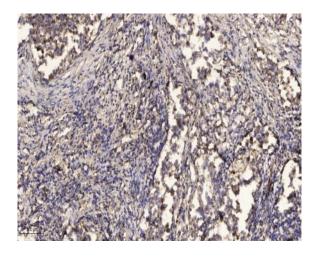
## **Products Images**



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).