



NCKX6 Monoclonal Antibody

Catalog No	YP-mAb-16481
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC24A6
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC24A6. AA range:494-543
Specificity	NCKX6 Monoclonal Antibody detects endogenous levels of NCKX6 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	NCLX;Mitochondrial sodium/calcium exchanger protein;Na(+)/K(+)/Ca(2+)-exchange protein 6;NCKX6;SLC8B1;SLC24A6;Sodium/potassium/calcium exchanger 6;Solute carrier family 24 member 6
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein .
Tissue Specificity	Present in pancreatic beta-cells (at protein level).
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.,
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],



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

