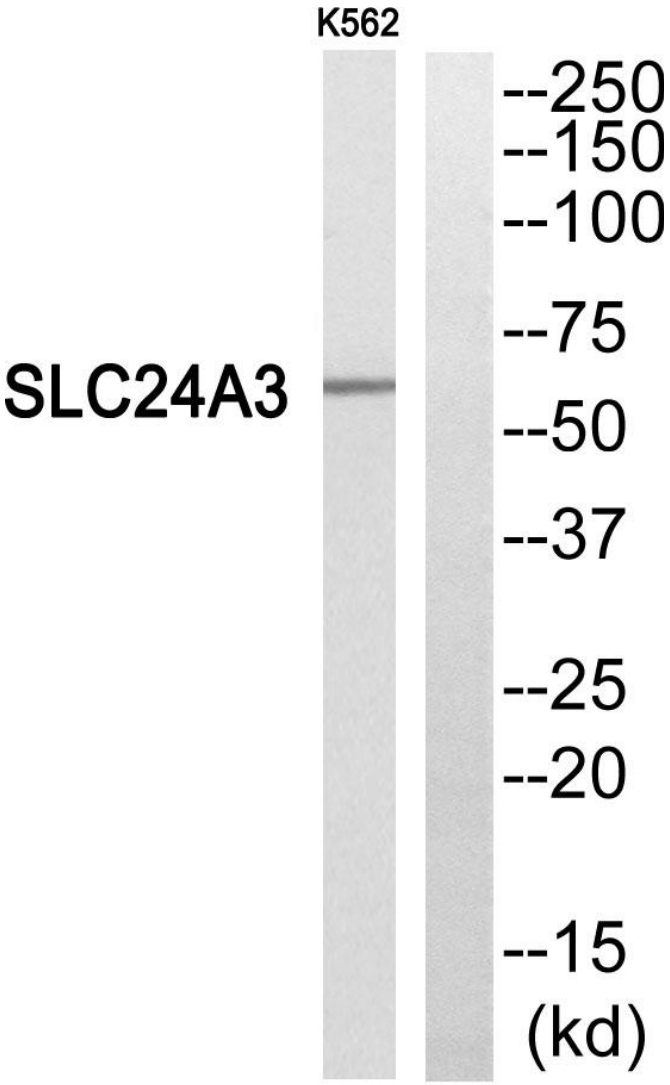
NCKX3 Monoclonal Antibody

Catalog No	BYmab-16479
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC24A3
Protein Name	Sodium/potassium/calcium exchanger 3
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC24A3. AA range:354-403
Specificity	NCKX3 Monoclonal Antibody detects endogenous levels of NCKX3 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SLC24A3; NCKX3; Sodium/potassium/calcium exchanger 3; Na(+)/K(+)/Ca(2+)-exchange protein 3; Solute carrier family 24 member 3
Observed Band	60kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Abundant in the brain (PubMed:11294880). Expressed at low levels in the aorta, uterus and intestine (PubMed:11294880).
Function	function:Transports 1 Ca(2+) and 1 K(+) in exchange for 4 Na(+).,similarity:Belongs to the sodium/potassium/calcium exchanger family. SLC24A subfamily.,tissue specificity:Abundant in the brain. Expressed at low levels in the aorta, uterus and intestine.,
Background	Plasma membrane sodium/calcium exchangers are an important component of intracellular calcium homeostasis and electrical conduction. Potassium-dependent sodium/calcium exchangers such as SLC24A3 are believed to transport 1 intracellular calcium and 1 potassium ion in exchange for 4 extracellular sodium ions (Kraev et al., 2001 [PubMed 11294880]).[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



Western Blot analysis of various cells using NCKX3 Monoclonal Antibody