

**NCKX3 Polyclonal Antibody**

<b>Catalog No :</b>	YT2993
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	NCKX3
<b>Gene Name :</b>	SLC24A3
<b>Protein Name :</b>	Sodium/potassium/calcium exchanger 3
<b>Human Gene Id :</b>	57419
<b>Human Swiss Prot No :</b>	Q9HC58
<b>Mouse Swiss Prot No :</b>	Q99PD7
<b>Rat Swiss Prot No :</b>	Q9EPQ0
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human SLC24A3. AA range:354-403
<b>Specificity :</b>	NCKX3 Polyclonal Antibody detects endogenous levels of NCKX3 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 60kD

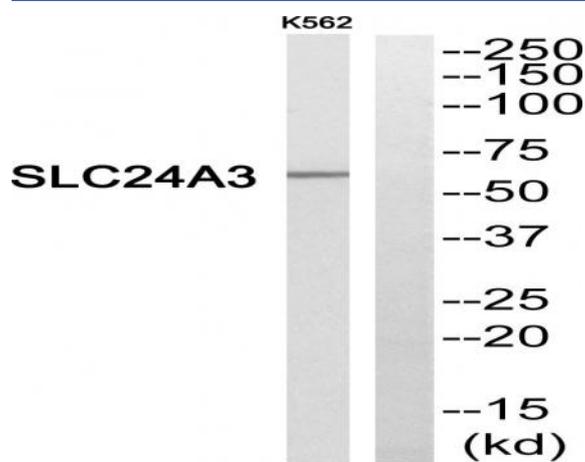
**Background :** Plasma membrane sodium/calcium exchangers are an important component of intracellular calcium homeostasis and electrical conduction. Potassium-dependent sodium/calcium exchangers such as SLC24A3 are believed to transport 1 intracellular calcium and 1 potassium ion in exchange for 4 extracellular sodium ions (Kraev et al., 2001 [PubMed 11294880]).[supplied by OMIM, Mar 2008],

**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.,

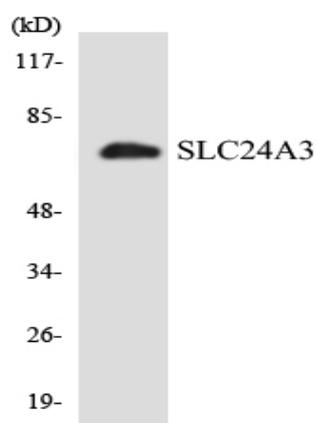
**Subcellular Location :** Cell membrane ; Multi-pass membrane protein .

**Expression :** Abundant in the brain (PubMed:11294880). Expressed at low levels in the aorta, uterus and intestine (PubMed:11294880).

## Products Images



Western blot analysis of SLC24A3 Antibody. The lane on the right is blocked with the SLC24A3 peptide.



Western blot analysis of the lysates from K562 cells using SLC24A3 antibody.