



# NCKX3 rabbit pAb

Cat No.:ES6894

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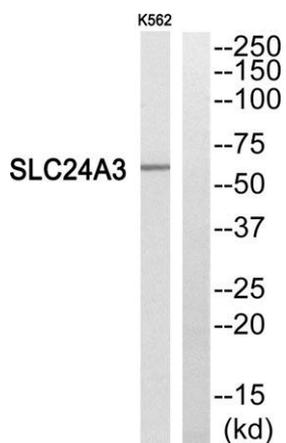
## Overview

<b>Product Name</b>	NCKX3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<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>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Sodium/potassium/calcium exchanger 3
<b>Gene Name</b>	SLC24A3
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	60kD
<b>Human Gene ID</b>	57419
<b>Human Swiss-Prot Number</b>	Q9HC58
<b>Alternative Names</b>	SLC24A3; NCKX3; Sodium/potassium/calcium exchanger 3; Na(+)/K(+)/Ca(2+)-exchange protein 3; Solute carrier family 24 member 3
<b>Background</b>	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

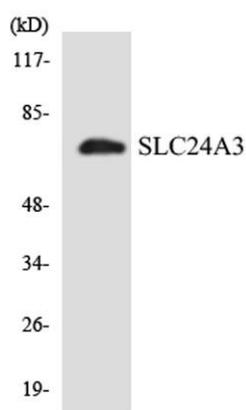




intracellular calcium and 1 potassium ion in exchange for 4 extracellular sodium ions (Kraev et al., 2001 [PubMed 11294880]).[supplied by OMIM, Mar 2008],



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.

