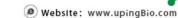


**(** Tel: 400-999-8863 ■ Emall:Upingbio.163.com





## NCKX2 Polyclonal Antibody

Catalog No	YP-Ab-06213	
Isotype	IgG	
Reactivity	Human;Rat;Mouse;	
Applications	WB;ELISA	
Gene Name	SLC24A2 NCKX2	
Protein Name	Sodium/potassium/calcium exchanger 2 (Na(+)/K(+)/Ca(2+)-exchange protein 2) (Retinal cone Na-Ca+K exchanger) (Solute carrier family 24 member 2)	
Immunogen	Synthesized peptide derived from human protein . at AA range: 440-520	
Specificity	NCKX2 Polyclonal Antibody detects endogenous levels of protein.	
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.	
Source	Polyclonal, Rabbit,IgG	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.	
Dilution	WB 1:500-2000 ELISA 1:5000-20000	
Concentration	1 mg/ml	
Purity	≥90%	
Storage Stability	-20°C/1 year	
Synonyms		
Observed Band	72kD	
Cell Pathway	Cell membrane ; Multi-pass membrane protein .	
Tissue Specificity	Retina,	
Function	function:Critical component of the visual transduction cascade, controlling the calcium concentration of outer segments during light and darkness. Light causes a rapid lowering of cytosolic free calcium in the outer segment of both retinal rod and cone photoreceptors and the light-induced lowering of calcium is caused by extrusion via this protein which plays a key role in the process of light adaptation. Transports 1 Ca(2+) and 1 K(+) in exchange for 4 Na(+).,similarity:Belongs to the sodium/potassium/calcium exchanger family. SLC24A subfamily.,	
Background	This gene encodes a member of the calcium/cation antiporter superfamily of transport proteins. The encoded protein belongs to the SLC24 branch of exchangers, which can mediate the extrusion of one Ca2+ ion and one K+ ion in exchange for four Na+ ions. This family member is a retinal cone/brain exchanger that can mediate a light-induced decrease in free Ca2+ concentration. This protein may also play a neuroprotective role during ischemic brain injury. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011],	



## UpingBio technology Co.,Ltd

**(** Tel: 400-999-8863 ■ Emall:Upingbio.163.com



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.

P	roducts Images