



S12A2 Polyclonal Antibody

Catalog No	YP-Ab-06222
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SLC12A2 NKCC1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S12A2 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	NKCC1;SLC12A2;Basolateral Na K Cl symporter;Basolateral Na-K-Cl symporter; S12A2;SLC12A2 NKCC1;Solute carrier family 12 member 2 (Basolateral Na-K-Cl symporter) (Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1)
Observed Band	150-160 kDa
Calculated Molecular Weight	131 kDa
Cell Pathway	Basolateral cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in many tissues.
Function	function:Electrically silent transporter system. Mediates sodium and chloride reabsorption. Plays a vital role in the regulation of ionic balance and cell volume., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Belongs to the SLC12A transporter family.,tissue specificity:Expressed in many tissues.,
Background	The protein encoded by this gene mediates sodium and chloride transport and reabsorption. The encoded protein is a membrane protein and is important in maintaining proper ionic balance and cell volume. This protein is phosphorylated in response to DNA damage. Three transcript variants encoding two different



isoforms have been found for this gene. [provided by RefSeq, Jan 2012],

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