antibodies - online.com







anti-SLC12A2 antibody (N-Term)





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100 μg
SLC12A2
AA 223-241, N-Term
Human, Rat
Rabbit
Polyclonal
This SLC12A2 antibody is un-conjugated
Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))
Rabbit IgG polyclonal antibody for Solute carrier family 12 member 2(SLC12A2) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat.
A synthetic peptide corresponding to a sequence at the N-terminus of human NKCC1(223-241aa RIDHYRHTAAQLGEKLLRP), identical to the related mouse and rat sequences.
RIDHYRHTAA QLGEKLLRP
IgG
Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.

Product Details			
Characteristics:	Rabbit IgG polyclonal antibody for Solute carrier family 12 member 2(SLC12A2) detection.		
	Tested with WB, IHC-P, IHC-F in Human,Mouse,Rat.		
	Gene Name: solute carrier family 12(sodium/potassium/chloride transporters), member 2		
	Protein Name: Solute carrier family 12 member 2		
Purification:	Immunogen affinity purified.		
Target Details			
Target:	SLC12A2		
Alternative Name:	SLC12A2 (SLC12A2 Products)		
Background:	Solute carrier family 12(sodium/potassium/chloride transporters), member 2, also known as		
	NKCC1, is widely distributed throughout the body, especially in organs that secrete fluids, called		
	exocrine glands. By fluorescence in situ hybridization, this gene is mapped to chromosome		
	5q23.3. 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.		
	Synonyms: Basolateral Na-K-Cl symporter antibody BSC antibody BSC2 antibody Bumetanide-		
	sensitive sodium-(potassium)-chloride cotransporter 1 antibody mBSC2 antibody MGC104233		
	antibody NKCC1 antibody S12A2_HUMAN antibody SLC12A2 antibody sodium-potassium-		
	chloride cotransporter 1 antibody solute carrier family 12(sodium/potassium/chloride		
	transporters) member 2 antibody Solute carrier family 12 member 2 antibody sy-ns antibody		
UniProt:	P55011		
Pathways:	Sensory Perception of Sound		
Application Details			
Application Notes:	WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human, Predicted Species: Mouse, Rat		
	IHC-P: Concentration: 0.5-1 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse,		
	Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for		
	20 mins is required for the staining of formalin/paraffin sections.		
	IHC-F: Concentration: 0.5-1 μg/mL, Tested Species: Rat, Predicted Species: Human, Mouse		

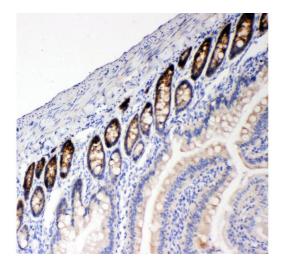
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be

Application Details

Expiry Date:

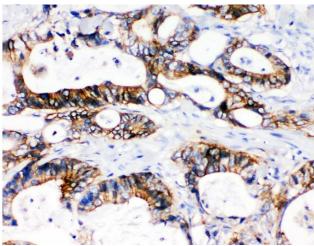
12 months

Application Details		
	fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.	
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P) and IHC(F).	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.	
Preservative:	Thimerosal (Merthiolate), Sodium azide	
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	



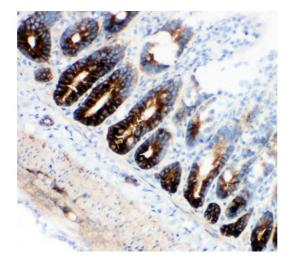
Immunohistochemistry

Image 1. Anti-NKCC1 antibody, IHC(P) IHC(P): Rat Intestine Tissue



Immunohistochemistry

Image 2. Anti-NKCC1 antibody, IHC(P) IHC(P): Human Intestinal Cancer Tissue



Immunohistochemistry

Image 3. Anti-NKCC1 antibody, IHC(F) IHC(F): Rat Intestine Tissue

Please check the product details page for more images. Overall 4 images are available for ABIN3043994.