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anti-KCC2 antibody

3 Images



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Quantity:	100 μL
Target:	KCC2 (SLC12A5)
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCC2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse KCC2 Rat	
Cross-Reactivity:		
Purification:	Affinity purification	

Target Details

Target:	KCC2 (SLC12A5)	
Alternative Name:	KCC2 (SLC12A5 Products)	
Background:	KCC2, encoded by SLC12A5, is a neuron-specific K+-Cl- cotransporter that is essential for Cl-homeostasis and inhibitory synaptic transmission in brain. KCC2 is expressed at high levels in neurons throughout the nervous system. KCC2 deletion caused animal death. Alterations of KCC2 have been linked to neuropathic pain, temporal lobe epilepsy, and other diseases.	
Gene ID:	57138	

Target Details

UniProt: Q91V14

Application Details

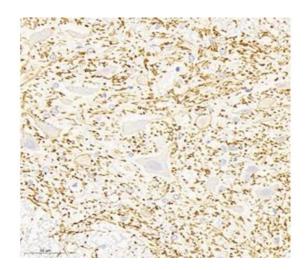
Application Notes: IHC/IF (M,R) 1:900-1:1800

Restrictions: For Research Use only

Handling

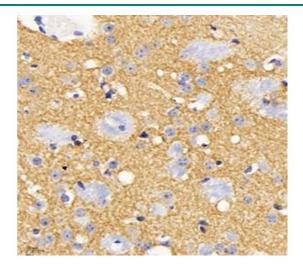
Format:	Liquid	
Buffer:	PBS, pH 7.4, 0.02 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	

Images



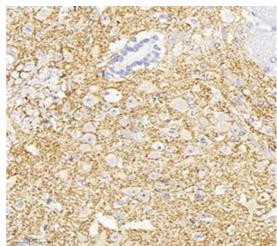
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffinembedded rat spinal cord using,KCC2 (ABIN7075650) at dilution of 1: 1800



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffinembedded mouse brain using,KCC2 (ABIN7075650) at dilution of 1: 1800



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis of paraffinembedded mouse spinal cord using,KCC2 (ABIN7075650) at dilution of 1: 1800