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anti-KCC2 antibody (pSer940)

1 Image



Publications



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Quantity:	100 μL
Target:	KCC2 (SLC12A5)
Binding Specificity:	pSer940
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser940 conjugated to KLH	
Cross-Reactivity:	Rat (Rattus)	
Predicted Reactivity:	bovine, canine, human, mouse, non-human primate	
Purification:	Antigen Affinity Purified from Pooled Serum	

Target Details

Target:	KCC2 (SLC12A5)
Alternative Name:	KCC2 (SLC12A5 Products)
Molecular Weight:	'135 kDa

Target Details Gene ID: 171373 UniProt: Q63633 Application Details Application Notes: Optimal working dilution should be determined by the investigator. Restrictions: For Research Use only Handling Buffer: 100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol. Storage: -20 °C

Publications

Product cited in:

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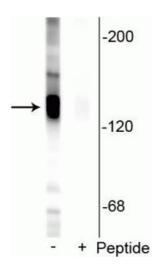
Logvinova, Matyushenko, Nikolaeva, Levitsky: "Transient interaction between the N-terminal extension of the essential light chain-1 and motor domain of the myosin head during the ATPase cycle." in: **Biochemical and biophysical research communications**, Vol. 495, Issue 1, pp. 163-167, (2018) (PubMed).

Su, Li, Ma, Zhao, Liu, Wang, Edwards, Taub, Lin, Ge: "Targeting Pl3K, mTOR, ERK, and Bcl-2 signaling network shows superior antileukemic activity against AML ex vivo." in: **Biochemical pharmacology**, Vol. 148, pp. 13-26, (2018) (PubMed).

Tian, Feng, Han, Wu, Lv, Shen, Li, Zhang, Liu: "Magnolol Alleviates Inflammatory Responses and Lipid Accumulation by AMP-Activated Protein Kinase-Dependent Peroxisome Proliferator-Activated Receptor α Activation." in: **Frontiers in immunology**, Vol. 9, pp. 147, (2018) (PubMed).

Yang, Shi, Liang, Ji, Zhang, Shen, Zhu, Xu: "Anti-tumor effect of evodiamine by inducing Akt-mediated apoptosis in hepatocellular carcinoma." in: **Biochemical and biophysical research communications**, Vol. 485, Issue 1, pp. 54-61, (2017) (PubMed).

Images



Western Blotting

Image 1. Western blot of rat hippocampal lysate showing specific labeling of the ~135 kDa KCC2 protein phosphorylated at Ser940 in the first lane (-). Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen in the second lane (+), but not by the corresponding non-phosphopeptide (not shown).