

Product Datasheet

KCC3/SLC12A6 Antibody NBP1-06044

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-06044**KCC3/SLC12A6 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

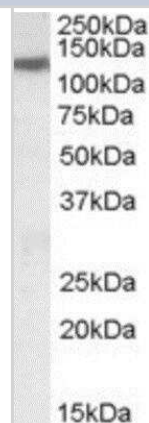
Product Description	
Host	Goat
Gene ID	9990
Gene Symbol	SLC12A6
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise all 6 reported isoforms (NP_598408.1; NP_005126.1; NP_001035959.1; NP_001035960.1; NP_001035961.1; NP_001035962.1;);
Immunogen	Peptide with sequence SRHIDVCSKTKE corresponding to internal region according to NP_001035959.1, NP_001035960.1, NP_001035961.1, NP_001035962.1, NP_005126.1, NP_598408.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 120 kDa band observed in human heart and kidney lysates (calculated MW ranging 121-128 kDa band according to NP_598408.1; NP_005126.1; NP_001035959.1; NP_001035960.1; NP_001035961.1; NP_001035962.1). IHC-P: Human heart shows staining of myocardial fibrils in transverse section.

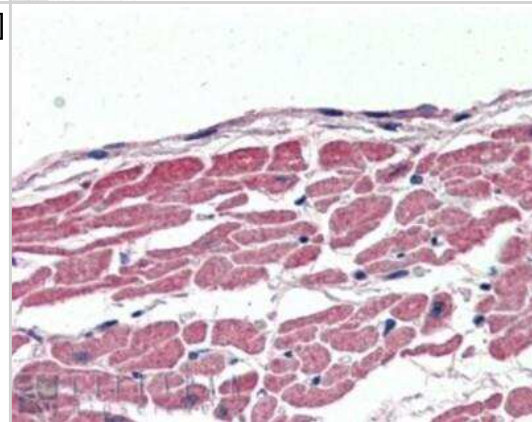


Images

Western Blot: KCC3/SLC12A6 Antibody [NBP1-06044] - (0.1ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: KCC3/SLC12A6 Antibody [NBP1-06044] - (2.5ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Hishikawa A, Hayashi K, Kubo A et al. DNA repair factor KAT5 prevents ischemic acute kidney injury through glomerular filtration regulation iScience 2021-12-17 [PMID: 34877495]

Simard CF, Bergeron MJ, Frenette-Cotton R et al. Homooligomeric and heterooligomeric associations between K⁺-Cl⁻ cotransporter isoforms and between K⁺-Cl⁻ and Na⁺-K⁺-Cl⁻ cotransporters. J Biol Chem 2007-06-22 [PMID: 17462999]



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Products Related to NBP1-06044

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00009990-Q01-10ug	Recombinant Human KCC3/SLC12A6 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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