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Product datasheet for TA346061

SLC13A3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SLC13A3 antibody: synthetic peptide directed towards the middle region of human SLC13A3. Synthetic peptide located within the following region: GLSFRGWRKNKSEIRTNAEDRARAVIREEYQNLGPIKFAEQAVFILFCMF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	solute carrier family 13 member 3
Database Link:	NP_001011554 Entrez Gene 64849 Human Q8WWT9

View online »

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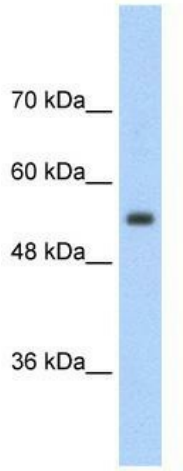
Background: Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall into 2 categories based on their substrate affinity: low affinity and high affinity. Both the low- and high-affinity transporters play an important role in the handling of citrate by the kidneys. SLC13A3 represents the high-affinity form.Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall into 2 categories based on their substrate affinity: low affinity and high affinity. Both the low- and high-affinity transporters play an important role in the handling of citrate by the kidneys. The protein encoded by this gene represents the high-affinity form. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, although the full-length nature of some of them have not been characterized yet.

Synonyms: NADC3; SDCT2

Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Horse: 93%; Rabbit: 93%; Rat: 92%; Mouse: 92%; Bovine: 86%; Pig: 85%; Zebrafish: 77%

Protein Families: Druggable Genome, Transmembrane

Product images:



WB Suggested Anti-SLC13A3 Antibody Titration: 2.5 ug/ml; Positive Control: Jurkat cell lysate

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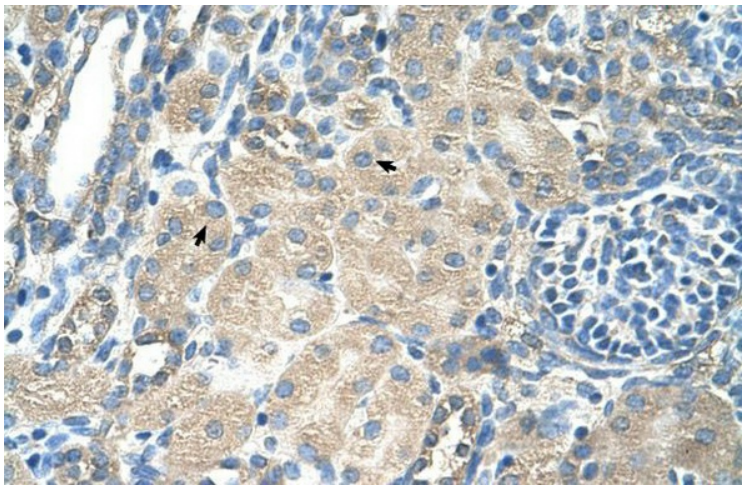

Rabbit Anti-SLC13A3 Antibody; Paraffin Embedded Tissue: Human Kidney; Cellular Data: Epithelial cells of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X

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