Datasheet for ABIN630395

anti-SLC13A3 antibody

2 Images

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Overview

Quantity:	100 µg
Target:	SLC13A3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC13A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	SLC13 A3 antibody was raised using a synthetic peptide corresponding to a region with amino acids GLSFRGWRKNKSEIRTNAEDRARAVIREEYQNLGPIKFAEQAVFILFCMF
Purification:	Purified

Target Details

Target:	SLC13A3
Alternative Name:	SLC13A3 (SLC13A3 Products)
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.
Molecular Weight:	61 kDa (MW of target protein)

Target Details

Pathways:	Dicarboxylic Acid Transport

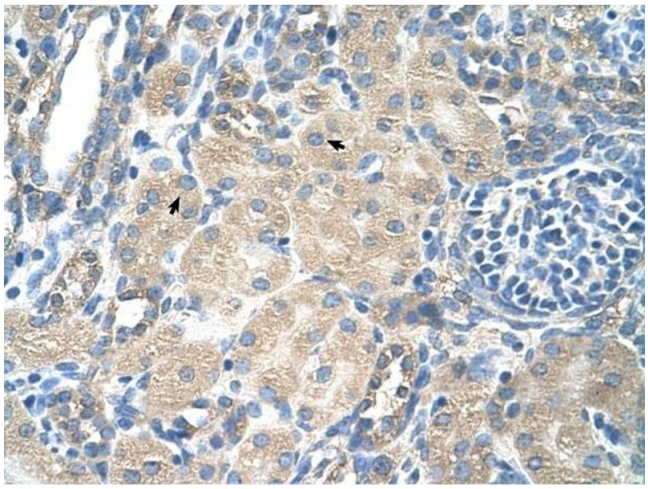
Application Details

Application Notes:	WB: 2.5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SLC13A3 Blocking Peptide, catalog no. 33R-3423, is also available for use as a blocking control in assays to test for specificity of this SLC13A3 antibody
Restrictions:	For Research Use only

Handling

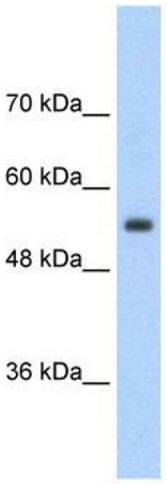
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLC10 3 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Immunohistochemistry

Image 1. SLC13A3 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. SLC13A3 antibody used at 2.5 ug/ml to detect target protein.