

Datasheet for ABIN2462408

anti-SLC13A3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	SLC13A3
Reactivity:	Human, Dog, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC13A3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human SLC13A3.
Purification:	Antibody is purified by protein A chromatography method.

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. Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall

Target Details

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.

Molecular Weight: 66 kDa, 62 kDa

Gene ID: 64849

NCBI Accession: [NP_073740](#)

UniProt: [Q8WWT9](#)

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: SLC13A3 antibody can be used for detection of SLC13A3 by ELISA at 1:12500. SLC13A3 antibody can be used for detection of SLC13A3 by western blot at 5.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store SLC13A3 antibody at -20 °C.



Western Blotting

Image 1.