

Datasheet for ABIN630477  
**anti-SLC13A3 antibody**



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1 Image

## Overview

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

## Product Details

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

## Target Details

Target:	SLC13A3
Alternative Name:	SLC13A3 ( <a href="#">SLC13A3 Products</a> )
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:	66 kDa (MW of target protein)

## Target Details

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Pathways: [Dicarboxylic Acid Transport](#)

## Application Details

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Application Notes: WB: 5 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: SLC13A3 Blocking Peptide, catalog no. 33R-5806, 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

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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

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### Western Blotting

**Image 1.** SLC13A3 antibody used at 5 ug/ml to detect target protein.