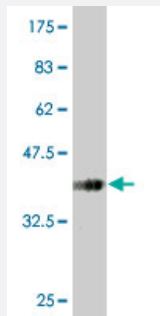


# SLC13A3 monoclonal antibody (M02), clone 3A6

Catalog # H00064849-M02

Size 100 ug

## Applications



Western Blot detection against Immunogen (34.65 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant SLC13A3.
<b>Immunogen</b>	SLC13A3 (NP_073740, 152 a.a. ~ 232 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	LPIANILKSLFGQKEVRKDPSQSESENTAAVRRNGLHTVPTMQFLASTEAKDHPGETEVPLDL PADSRKEDEYRRNIWK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — SLC13A3

Entrez GeneID [64849](#)

GeneBank Accession# [NM\\_022829](#)

Protein Accession# [NP\\_073740](#)

Gene Name SLC13A3

Gene Alias NADC3, SDCT2

Gene Description solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3

Omim ID [606411](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** Na(+)/dicarboxylate cotransporter 3|OTTHUMP00000031667|sodium-dependent high affinity dicarboxylate transporter 3|solute carrier family 13 member 3

## Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)