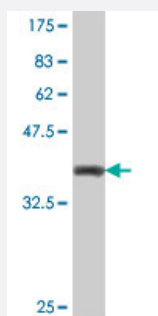


# SLC3A1 polyclonal antibody (A01)

Catalog # H00006519-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (38.1 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant SLC3A1.
<b>Immunogen</b>	SLC3A1 (AAH22386, 211 a.a. ~ 320 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	FIPNHTSDKHWFQLSRTRTGKYTDYYWHDCTHENGKTIPPNNWLSVYGNSSWHFDEVNRNQCYPH QFMKEQPDLNFRNPDVQEEIKEILRFWLTKGVDGFSLDAVKFLL
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (87); Rat (85)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.1 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<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 — SLC3A1

Entrez GeneID	<a href="#">6519</a>
GeneBank Accession#	<a href="#">BC022386</a>
Protein Accession#	<a href="#">AAH22386</a>
Gene Name	SLC3A1
Gene Alias	ATR1, CSNU1, D2H, FLJ34681, NBAT, RBAT
Gene Description	solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, di basic and neutral amino acid transport), member 1
Omim ID	<a href="#">104614</a> <a href="#">220100</a> <a href="#">606407</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a type II membrane glycoprotein which is one of the components of the renal amino acid transporter which transports neutral and basic amino acids in the renal tubule and intestinal tract. Mutations and deletions in this gene are associated with cystinuria. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]
Other Designations	B(0,+)-type amino acid transport protein SLC3A1 variant B SLC3A1 variant C SLC3A1 variant D SLC3A1 variant E SLC3A1 variant F SLC3A1 variant G amino acid transporter 1 solute carrier family 3 (cystine, dibasic and neutral amino acid transporters), member

## Disease

- [Cardiomyopathy](#)
- [Cystinuria](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)