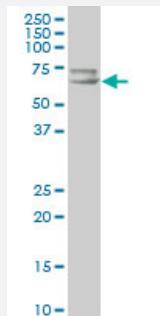


SLC22A4 polyclonal antibody (A01)

Catalog # H00006583-A01

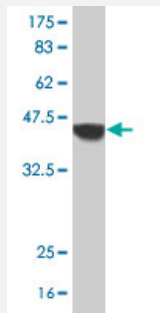
Size 50 uL

Applications



Western Blot (Cell lysate)

SLC22A4 polyclonal antibody (A01), Lot # 061025JCS1. Western Blot analysis of SLC22A4 expression in Daoy.



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SLC22A4.
Immunogen	SLC22A4 (NP_003050, 43 a.a. ~ 141 a.a) partial recombinant protein with GST tag.
Sequence	AGTPEHRCRVPDAANLSSAWRNNSVPLRLRDGREVPHSCSRYLATIANFSALGLEPGRDVDLG QLEQESCLDGWEFSQDVYLSVVTEWNLVCEDNWK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (81)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SLC22A4 polyclonal antibody (A01), Lot # 061025JCS1. Western Blot analysis of SLC22A4 expression in Daoy.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SLC22A4

Entrez GeneID

[6583](#)

GeneBank Accession#

[NM_003059](#)

Protein Accession#

[NP_003050](#)

Gene Name

SLC22A4

Gene Alias

MGC34546, MGC40524, OCTN1

Gene Description

solute carrier family 22 (organic cation/ergothioneine transporter), member 4

Omim ID

[180300](#) [266600](#) [604190](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. The encoded protein is an organic cation transporter and plasma integral membrane protein containing eleven putative transmembrane domains as well as a nucleotide-binding site motif. Transport by this protein is at least partially ATP-dependent. [provided by RefSeq

Other Designations

integral membrane transport protein|organic cation transporter 4|solute carrier family 22 (organic cation transporter), member 4|solute carrier family 22 member 4

Publication Reference

- [Expression of OATP1A2 in red blood cells and its potential impact on antimalarial therapy.](#)

Hubeny A, Keiser MW, Oswald S, Jedlitschky G, Kroemer HK, Siegmund W, Grube M.

Drug Metabolism and Disposition 2016 Oct; 44(10):1562.

Application: IF, WB-Tr, Human, RBC, MDCKII cells

Disease

- [Anus Diseases](#)
- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Bronchiolitis](#)
- [Cholangitis](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Epilepsy](#)
- [Food Hypersensitivity](#)
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- [Growth Disorders](#)
- [Hypersensitivity](#)

- [Ileitis](#)
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- [Kidney Failure](#)
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