



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CTNS polyclonal antibody (A01)

Catalog # : H00001497-A01

規格 : [ 50 uL ]

[List All](#)

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant CTNS.

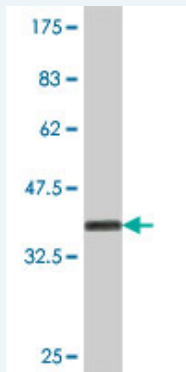
**Immunogen:** CTNS (NP\_004928, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.

**Sequence:** MIRNWLTIILFPLKLVEKCESSVSLTVPPVVKLENGSSTNVSLLTRPPLNATLVITFEITFRSKNITILELPDEVVPPGVTNSSFQVTSQNVGQLTVY

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 KDa) .

**Storage Buffer:** 50 % glycerol

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

**MSDS:** [Download](#)

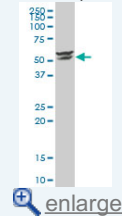
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

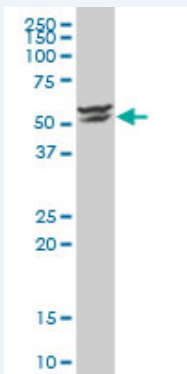
### Application Image

Western Blot (Cell lysate)



Western Blot (Recombinant protein)

ELISA



CTNS polyclonal antibody (A01), Lot # 060623JCS1 Western Blot analysis of CTNS expression in HeLa ( Cat # L013V1 ).

 [Protocol Download](#)

#### Western Blot (Recombinant protein)

 [Protocol Download](#)

#### ELISA

#### Gene Information

**Entrez GeneID:** [1497](#)

**GeneBank Accession#:** [NM\\_004937](#)

**Protein Accession#:** [NP\\_004928](#)

**Gene Name:** CTNS

**Gene Alias:** CTNS-LSB,PQLC4

**Gene Description:** cystinosis, nephropathic

**Omim ID:** [219750](#), [219800](#), [219900](#), [606272](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a seven-transmembrane domain protein that functions to transport cystine out of lysosomes. Its activity is driven by the H<sup>+</sup> electrochemical gradient of the lysosomal membrane. Mutations in this gene cause cystinosis, a lysosomal storage disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations:** -

#### Gene Pathway

[Lysosome](#)

#### Related Disease

[Hypertension](#)