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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

CARS polyclonal antibody (A01)

Catalog # : H00000833-A01

規格 : [50 uL]

List All

Specification

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

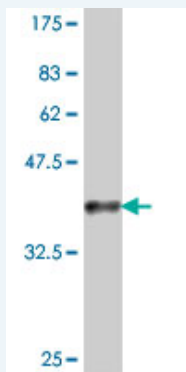
Immunogen: CARS (NP_001742, 447 a.a. ~ 546 a.a) partial recombinant protein with GST tag.

Sequence: NTMESALQYEFKFLNEFFLNVDILRAPVDITGQFEKWGEEEEAELNKNFYDKKTAIHKALCDNVDTRTVMEEMRALVSQCPLYMAARKAVRKRPNQALLE N

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 (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [833](#)

GeneBank Accession#: [NM_001751](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein Accession#: [NP_001742](#)

Gene Name: CARS

Gene Alias: CARS1,CYSRS,MGC:11246

Gene Description: cysteinyl-tRNA synthetase

Omim ID: [123859](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a class 1 aminoacyl-tRNA synthetase, cysteinyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. This gene is one of several located near the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations: OTTHUMP00000012605,cysteine tRNA ligase 1, cytoplasmic,cysteine transase,cysteine-tRNA ligase

Gene Pathway

[Aminoacyl-tRNA biosynthesis](#)

Related Disease

[Diabetes Mellitus, Type 1](#) [Diabetes Mellitus, Type 2](#) [Diabetic Nephropathies](#)
[Genetic Predisposition to Disease](#) [Kidney Failure, Chronic](#) [Proteinuria](#)

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