



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

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) 

AUH polyclonal antibody (A01)

Catalog # : H00000549-A01

規格 : [50 uL]

List All

Specification

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

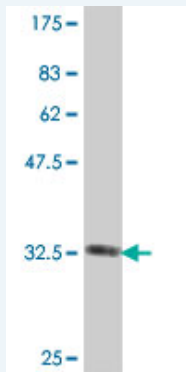
Immunogen: AUH (NP_001689, 44 a.a. ~ 135 a.a) partial recombinant protein with GST tag.

Sequence: RAGPAIWAQGWPAAGGPAPKRGYSSEMKTEDELVRVHLEEEENRGIV
LGINRAYGKNLSKNIKMLSKAVDALKSDKKVRTIIIRSEVPG

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.23 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: [549](#)

GeneBank Accession#: [NM_001698](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein [NP_001689](#)

Accession#:

Gene Name: AUH

Gene Alias: -

Gene Description: AU RNA binding protein/enoyl-Coenzyme A hydratase

Omim ID: [250950](#), [600529](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: AU-specific RNA-binding enoyl-CoA hydratase (AUH) protein binds to the AU-rich element (ARE), a common element found in the 3' UTR of rapidly decaying mRNA such as c-fos, c-myc and granulocyte/macrophage colony stimulating factor. ARE elements are involved in directing RNA to rapid degradation and deadenylation. AUH is also homologous to enol-CoA hydratase, an enzyme involved in fatty acid degradation, and has been shown to have intrinsic hydratase enzymatic activity. AUH is thus a bifunctional chimera between RNA binding and metabolic enzyme activity. A possible subcellular localization in the mitochondria has been demonstrated for the mouse homolog of this protein which shares 92% identity with the human protein. It has been suggested that AUH may have a novel role as a mitochondrial located AU-binding protein. Human AUH is expressed as a single mRNA species of 1.8 kb, and translated as a 40-kDa precursor protein which is subsequently processed to a 32-kDa mature form. [provided by RefSeq]

Other Designations: 3-methylglutaconyl-CoA hydratase,AU RNA-binding protein/enoyl-Coenzyme A hydratase,OTTHUMP00000021631

Gene Pathway

[Metabolic pathways](#) [Valine, leucine and isoleucine degradation](#)

Related Disease

[Cleft Lip](#) [Cleft Palate](#) [Tooth Abnormalities](#)