



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) 

ATIC purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000471-B01P

規格 : [50 ug]

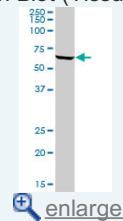
[List All](#)

Specification

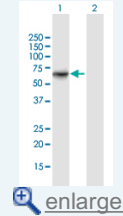
Product Description:	Mouse polyclonal antibody raised against a full-length human ATIC protein.
Immunogen:	ATIC (NP_004035.2, 1 a.a. ~ 592 a.a) full-length human protein.
Sequence:	MAPGQLALFSVSDKTGLVEFARNLTALGLNLVASGGTAKALRDAGLAVR DVSELTGFPEMLGGRVKTLPVAVHAGILARNIPEDNADMARLDFNLIRVV ACNLYPFVKTVASPGVTVEEAVEQIDIGGVTLRRAAKNHARVTVCEPE DYVWSTEMQSSESKDTSLETRRQLALKAFTHTAQYDEAISDYFRKQYS KGVSQMPLRYGMNPHQTPAQLYTLQPKLPITVLNGAPGFINLCDALNAW QLVKELKEALGIPAAASFKHVSPAGAAVGIPLSEDEAKVCMYDLYKTLTP ISAAAYARARGADRMSSF GDFVALSDVCDVPTAKIISREVS DGIIAPGYEEE ALTILSKKNGNYCVLQMDQSYKPDENEVRTLFGHLHSQKRNGVVDKS LFSNVTKNKDLPESALRDLIVATIAVKYTSNSVCYAKNGQVIGIGAGQQ SRIHCTRLAGDKANYWWLRHHPQVLSMKFKTGVKRAEISNAIDQYVTGTI GEDEDLIKWKALFEEVPELLTEAEKKEWVEKLTEVSISSDAFFPFRDNVD RAKRSGVAYIAAPSGSAADKVVIEACDELGIILAHNTLRLFFHH
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Application Image

Western Blot (Tissue lysate)

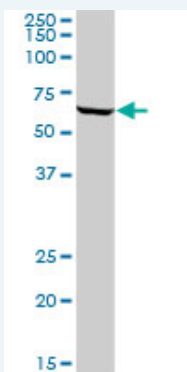


Western Blot (Transfected lysate)



Applications

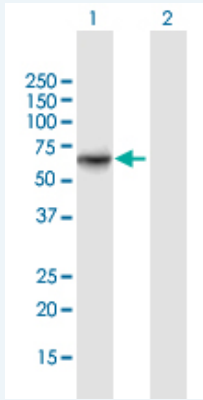
Western Blot (Tissue lysate)



ATIC MaxPab polyclonal antibody. Western Blot analysis of ATIC expression in human liver.

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of ATIC expression in transfected 293T cell line (H00000471-T01) by ATIC MaxPab polyclonal antibody.

Lane 1: ATIC transfected lysate(65.12 kDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [471](#)

GeneBank Accession#: [NM_004044.4](#)

Protein Accession#: [NP_004035.2](#)

Gene Name: ATIC

Gene Alias: AICAR,AICARFT,FLJ93545,IMPCHASE,PURH

Gene Description: 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase

Omim ID: [601731](#), [608688](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria. [provided by RefSeq]

Other Designations: AICARFT/IMPCHASE

Gene Pathway

[Biosynthesis of alkaloids derived from histidine and purine](#) [Biosynthesis of plant hormones](#) [Metabolic pathways](#) [One carbon pool by folate](#) [Purine metabolism](#)

Related Disease

[Arthritis, Rheumatoid](#) [Cardiovascular Diseases](#) [Cleft Lip](#) [Cleft Palate](#) [Colorectal Neoplasms](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Gastrointestinal Diseases](#) [Genetic Predisposition to Disease](#) [Liver Diseases](#) [Psoriasis](#) [Spinal Dysraphism](#) [Venous Thrombosis](#)

