



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## TCIRG1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00010312-B01P

規格 : [ 50 ug ]

[List All](#)

### Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human TCIRG1 protein.

**Immunogen:** TCIRG1 (NP\_006044.1, 1 a.a. ~ 614 a.a) full-length human protein.

**Sequence:**  
 MTFLLISYWGEQIGQKIRKITDCFHCHVFPFLQQEEARLGALQQLQQQSQ  
 ELQEVLGETERFLSQVLGRVLQLLPPGQVQVHKMKAVYLALNQCSVST  
 THKCLIAEAWCSVRDLPALQEALRDSSMEEGVSAVAHRIPCRDMPPTLIR  
 TNRFTASFQGMIDAYGVGRYQEVNPAPYTIITFPFLFAVMFGDVGHGLLM  
 FLFALAMVLAENRPAVKAAQNEIWQTFRGRYLLLLMGLFSIYTGFIYNE  
 CFSRATSIFPSGWSVAAMANQSGWSDAFLAQHTMLTLDPNVTGVFLGP  
 YPFIDPIWSLAANHLNFLNSFKMKMSVILGVVHMAFGVVLGVFNHVHFG  
 QRHRLLELPELTFLLGLFGYLVFLVIYKWLCVWAARAASAPSILIHFINM  
 FLFSHSPSNRLLYPRQEVVQATLVVLALAMVPILLGTPLHLLHRHRRRL  
 RRRPADRQEENKAGLLDLPDASVNGWSSDEEKAGGLDDEEEAELVPSE  
 VLMHQAIHTIEFCLGCVSNTASYLRLWALS LAHAQLSEVLWAMVMRIGLG  
 LGREVGVAAVLVPIFAAFVMTVAILLVMEGLSAFLHALRLHWVEFQNK  
 FYSGTGYKLSPTFAATDD

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

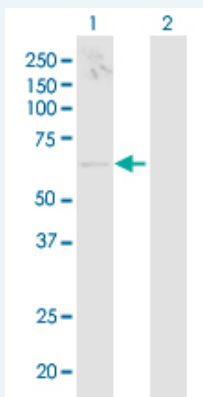
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

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

### Applications

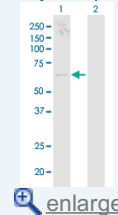
#### Western Blot (Transfected lysate)



Western Blot analysis of TCIRG1 expression in transfected 293T cell line ([H00010312-T02](#)) by TCIRG1 MaxPab polyclonal antibody.

### Application Image

#### Western Blot (Transfected lysate)



Lane 1: TCIRG1 transfected lysate(68.80 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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**Entrez GeneID:** [10312](#)

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**GeneBank Accession#:** [NM\\_006053.2](#)

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**Protein Accession#:** [NP\\_006044.1](#)

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**Gene Name:** TCIRG1

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**Gene Alias:** ATP6N1C,ATP6V0A3,Atp6i,OC-116kDa,OC116,OPTB1,Stv1,TIRC7,Vph1,a3

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**Gene Description:** T-cell, immune regulator 1, ATPase, H<sup>+</sup> transporting, lysosomal V0 subunit A3

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**Omim ID:** [259700](#), [604592](#)

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

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**Gene Summary:** Through alternate splicing, this gene encodes two proteins with similarity to subunits of the vacuolar ATPase (V-ATPase) but the encoded proteins seem to have different functions. V-ATPase is a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. V-ATPase is comprised of a cytosolic V1 domain and a transmembrane V0 domain. Mutations in this gene are associated with infantile malignant osteopetrosis. [provided by RefSeq]

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**Other Designations:** ATPase, H<sup>+</sup> transporting, 116kD,T cell immune response cDNA7 protein,T-cell immune regulator 1,T-cell, immune regulator 1,T-cell, immune regulator 1, ATPase, H<sup>+</sup> transporting, lysosomal V0 protein A3,T-cell, immune regulator 1, ATPase, H<sup>+</sup> transporting, lyso

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## Gene Pathway

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[Epithelial cell signaling in Helicobacter pylori infection](#) [Lysosome](#) [Metabolic pathways](#)  
[Oxidative phosphorylation](#) [Vibrio cholerae infection](#)

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## Related Disease

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