



# 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) 

## OAS1 purified MaxPab rabbit polyclonal antibody (D03P) MaxPab®

Catalog # : H00004938-D03P

規格 : [ 100 ug ]

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### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human OAS1 protein.

**Immunogen:** OAS1 (AAH00562.1, 1 a.a. ~ 364 a.a) full-length human protein.

**Sequence:**  
 MMDLRNTPAKSLDKFIEDYLLPDTCFRMQINHAIDIICGFLKERCFRGSSY  
 PVCVSKVVKGGSSGKGTTLRGRSDADLVFLSPLTTFQDQLNRRGEFI  
 QEIRRQLEACQRERAFSVKFEVQAPRWGNPRALSFLSSQLGEGVEF  
 DVLPAFDALGQLTGSYKPNPQIYVKLIEECTDLQKEGEFSTCFTELQRDF  
 LKQRPTKLKSLIRLVKHWYQNCKKKLGLKPPQYALELLTVYAWERGS  
 MTKTHFNTAQQGFRTVLELVINYQQLCIYWTKYDFKNPIIEKYLRRQLTKPRPVI  
 LDPADPTGNLGGGDPKGWRLAQEAELNYPCKNWDGSPVSSWIL  
 LVRPPASSLPFIPAPLHEA

**Host:** Rabbit

**Reactivity:** Human

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

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

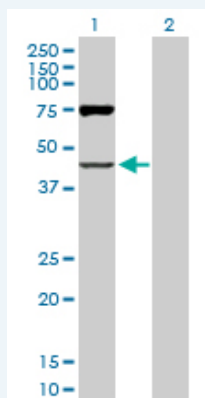
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

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

### Applications

#### Western Blot (Transfected lysate)



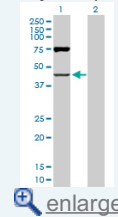
Western Blot analysis of OAS1 expression in transfected 293T cell line (H00004938-T03) by OAS1 MaxPab polyclonal antibody.

Lane 1: OAS1 transfected lysate(40.04 KDa).

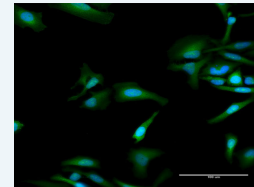
Lane 2: Non-transfected lysate.

### Application Image

#### Western Blot (Transfected lysate)

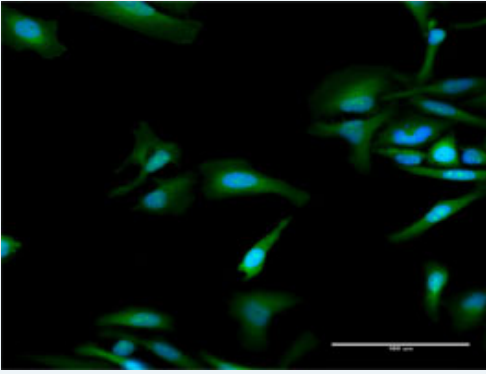


#### Immunofluorescence



[Protocol Download](#)

## Immunofluorescence



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Immunofluorescence of purified MaxPab antibody to OAS1 on HeLa cell. [antibody concentration 30 ug/ml]

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [4938](#)

**GeneBank  
Accession#:** [BC000562.1](#)

**Protein  
Accession#:** [AAH00562.1](#)

**Gene Name:** OAS1

**Gene Alias:** IFI-4,OIAS,OIASI

**Gene  
Description:** 2',5'-oligoadenylate synthetase 1, 40/46kDa

**Omim ID:** [164350](#), [222100](#)

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

**Gene Summary:** This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Mutations in this gene have been associated with host susceptibility to viral infection. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

**Other  
Designations:** (2'-5') oligoadenylate synthetase 1,2',5'-oligo A synthetase 1,2',5'-oligoadenylate synthetase 1,2',5'-oligoadenylate synthetase 1 (40-46 kD),2'-5' oligoadenylate synthetase 1 p48 isoform,2'-5' oligoadenylate synthetase 1 p52 isoform,2'-5'-oligoisoadenyla

## Related Disease

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