



# 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

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**SPR purified MaxPab rabbit polyclonal antibody (D01P)** MaxPab®

Catalog # : H00006697-D01P

規格 : [ 100 ug ]

[List All](#)

**Specification**

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

**Immunogen:** SPR (AAH17310.1, 1 a.a. ~ 261 a.a) full-length human protein.

**Sequence:**  
 MEGGLGRAVCLLTGASRGFGRTLAPLLASLLSPGSVLVLSARNDEALR  
 QLEAELGAERSGLRVRVPADLGAAGLQQLLGALRELPRPKGLQRLL  
 LINNAGSLGDVSKGFVDLSDSTQVNNYWALNLTSMCLTSSVLKAFPDS  
 PGLNRTVVNISSLCALQPFKGWALYCAGKAARDMLFQVLALEEPNVRVL  
 NYAPGPLDMDMQLARETSVDPDMRKGLQELKAKGKLVDCCKVSAQKLL  
 SLLEKDEFKSGAHVDFYDK

**Host:** Rabbit

**Reactivity:** Human

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

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

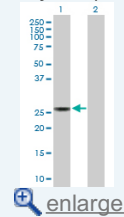
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

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

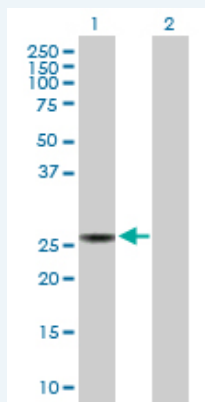
**Application Image**

Western Blot (Transfected lysate)



**Applications**

Western Blot (Transfected lysate)



Western Blot analysis of SPR expression in transfected 293T cell line (H00006697-T01) by SPR MaxPab polyclonal antibody.

Lane 1: SPR transfected lysate(28.00 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

**Gene Information**

**Entrez GeneID:** [6697](#)

**GeneBank  
Accession#:** [NM\\_003124.3](#)

**Protein  
Accession#:** [AAH17310.1](#)

**Gene Name:** SPR

**Gene Alias:** SDR38C1

**Gene  
Description:** sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase)

**Omim ID:** [182125](#)

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

**Gene Summary:** This gene encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in this gene result in DOPA-responsive dystonia due to sepiaterin reductase deficiency. A pseudogene has been identified on chromosome 1. [provided by RefSeq]

**Other  
Designations:** short chain dehydrogenase/reductase family 38C, member 1

#### **Gene Pathway**

[Folate biosynthesis](#) [Metabolic pathways](#)

#### **Related Disease**

[Autistic Disorder](#) [Bipolar Disorder](#) [Dystonic Disorders](#) [Genetic Predisposition to Disease](#)  
[Parkinson Disease](#) [Parkinson disease](#) [Parkinsonian Disorders](#)

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