



# 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 (Human) IP-WB Antibody Pair

Catalog # : H00006697-PW3

規格 : [ 1 Set ]

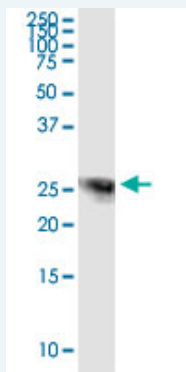
List All

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of SPR transfected lysate using rabbit polyclonal anti-SPR and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SPR.

**Supplied Product:** Antibody pair set content:  
1. Antibody pair for IP: rabbit polyclonal anti-SPR (300 ul)  
2. Antibody pair for WB: mouse purified polyclonal anti-SPR (50 ug)

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

### Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

### Gene Information

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

**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

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

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### **Gene Pathway**

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

### **Related Disease**

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

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