



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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**Sphingomyelin synthase-related protein 1. Rabbit Polyclonal Antibody**  
SMSr

**BACKGROUND**

Sphingomyelin synthases are enzymes that mediate the biosynthesis of sphingolipid headgroups. Sphingomyelin synthase 1 and 2 (SMS1 and SMS2) mediate the biosynthesis of sphingomyelin, a central sphingolipid in mammalian cells. In addition to SMS1 and SMS2, a third SMS-related protein, SMSr, is known, however its function remains largely unknown. SMSr also occurs in organisms which lack sphingomyelin, such as the fruit fly *Drosophila melanogaster*. Its function appears to be biosynthesis of ethanolamine phosphorylceramide (EPC), a sphingolipid structurally related to sphingomyelin. SMSr has also been found in mammals as well.

**ORDERING INFORMATION**

**CATALOG NUMBER**

X1861P

**SIZE**

100 µg

**FORM**

Unconjugated

**HOST/CLONE**

Rabbit

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG

**APPLICATIONS**

Western Blot

**SPECIES REACTIVITY**

*Drosophila*

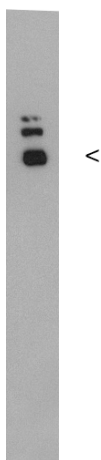
**ACCESSION NUMBER**

Human Q9V560

**IMMUNOGEN**

Recombinant SMSr derived from *Drosophila*.

Detection of 20 ng/lane recombinant SMSr using X1861P (1.25 µg/ml) and anti-rabbit HRP (1:200k) and using Pierce's Super Signal West Femto.



**POSITIVE CONTROL/TISSUE EXPRESSION**

Recombinant sphingomelin synthase protein

**COMMENTS**

Optimal concentration should be evaluated by serial dilutions.

**PURIFICATION**

Ammonium Sulfate Precipitation

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**

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**PRODUCT SPECIFIC REFERENCES**