



# 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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**Degenerative Spermatocyte Homolog 1 (DEGS1). Rabbit Antigen Immunoaffinity Purified Polyclonal**  
Migration-inducing gene 15 protein, MLD, dihydroceramide desaturase, sphingolipid delta 4 desaturase, DES1, MGC5079, DEGS

**BACKGROUND**

The product of the DEGS1 gene is a member of the membrane fatty acid (sphingolipid delta 4) desaturase family. Reported to function by inserting double bonds at delta 4 position in fatty acids. DEGS1 is an intracellular enzyme. Overexpression of this gene inhibited biosynthesis of the EGF receptor, suggesting a possible role of a fatty acid desaturase in regulating biosynthetic processing of the EGF receptor. Two splice variants have been identified.

**ORDERING INFORMATION**

**CATALOG NUMBER**  
X2383P

**SIZE**  
10 Miniblots

**FORM**  
Affinity Purified

**HOST/CLONE**  
Rabbit

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

**CONCENTRATION**  
Lot specific, see vial

**ISOTYPE**  
IgG

**APPLICATIONS**  
Western Blot

**SPECIES REACTIVITY**  
Human, Rat, Mouse

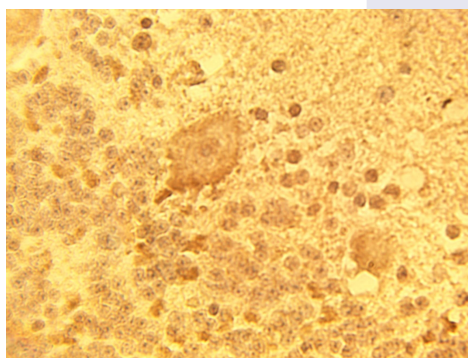
**ACCESSION NUMBER**

Human	O15121
Rat	Q5XIF5
Mouse	O09005

**IMMUNOGEN**

Synthetic peptide derived from the human DEGS1 protein

Immunohistochemical staining of normal human brain tissue using DEGS1 antibody (Cat. No. X2383P) at 15 µg/ml.



**POSITIVE CONTROL/TISSUE EXPRESSION**

Placenta, normal human brain

**COMMENTS**

Antibody can be used for Western blotting (1:400 starting dilution) and immunohistochemistry (10-15  $\mu$ g/ml). Optimal concentration should be evaluated by serial dilutions.

**PURIFICATION**

Antigen Immunoaffinity Purification

**SHIP CONDITIONS**

Ship on gel ice, store at -20°C immediately 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**

1. Cadena, D.L., et al. 'The product of the MLD gene is a member of the membrane fatty acid desaturase family: overexpression of MLD inhibits EGF receptor biosynthesis.; Biochemistry 36:6960-6967(1997).
2. Ternes, P., et al. 'Identification and characterization of a sphingolipid delta 4-desaturase family.; J. Biol. Chem. 277:25512-25518(2002).

**PRODUCT SPECIFIC REFERENCES**