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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Proprotein convertase subtilisin/kexin type 9 (PCSK9), NARC1. Rabbit Polyclonal Antibody
Proprotein convertase PC9, Subtilisin/kexin-like protease PC9, Neural apoptosis-regulated convertase 1

BACKGROUND

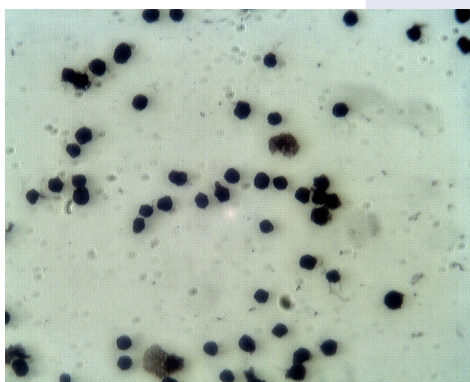
This antibody is made to an epitope that is reported to block the PCSK9-LDLR (low density lipoprotein receptor) interaction. PCSK9 binds to the EGF-A domain of the LDLR and signals LDLR degradation. Reduced LDLR levels result in decreased LDL (low density lipid) metabolism leading to hypercholesterolemia.

Additionally, PCSK9 may be implicated in the differentiation of cortical neurons and may also play a role in cholesterol homeostasis. Defects in PCSK9 gene are the cause of familial hypercholesterolemia 3 (FH3). The protein is thought to play a central role in cholesterol homeostasis. For an antibody that targets the blocking epitope of the PCSK-LDLR interaction use X2404P.

IMMUNOGEN

Synthetic peptide (interanal sequence) targeting a non-blocking epitope.

Staining of HepG2 cells using PCSK9 antibody (Cat. No. X2403P) at 10 µg/ml.



ORDERING INFORMATION

CATALOG NUMBER
X2403P

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, ELISA

SPECIES REACTIVITY

Human

ACCESSION NUMBER

Human Q8NBP7

POSITIVE CONTROL/TISSUE EXPRESSION

Expressed in neuro-epithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells.

COMMENTS

Antibody can be used for Western blotting (1-5 µg/ml) and immunocytochemistry (10 µg/ml). 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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8. Atherosclerosis. 2005 Oct;182(2):331-40. Genetic screening protocol for familial hypercholesterolemia which includes splicing defects gives an improved mutation detection rate. Graham CA et al
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PRODUCT SPECIFIC REFERENCES