



SZABO SCANDIC

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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

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N-SMase Activation Associated Factor. Rabbit Antigen Immunoaffinity Purified Polyclonal
nSMAF; Neutral sphingomyelinase (N-SMase) activation associated factor

BACKGROUND

Novel adaptor protein which mediates the activation of sphingomyelinase by receptors such as tumor necrosis factor receptor type 1 and CD40 and subsequent apoptosis in cardiomyocytes. Inhibition of this factor may provide a novel intervention point for reducing ischemia/reperfusion injury.

ORDERING INFORMATION

CATALOG NUMBER
X2354P

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

APPLICATIONS
Western Blot

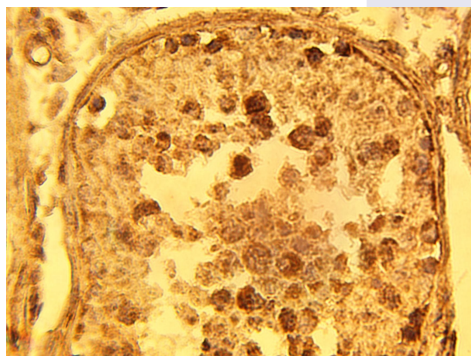
SPECIES REACTIVITY
Human

ACCESSION NUMBER
Human Q8IW26

IMMUNOGEN

Synthetic peptide derived from human NSMAF protein.

Immunohistochemical staining of normal human testis using SMase Activation Associated Factor antibody (Cat. No. X2354P) at 15 μ g/ml.



POSITIVE CONTROL/TISSUE EXPRESSION

Human testis, brain

COMMENTS

Antibody can be used for Western blotting (1:400 starting dilution) and immunohistochemistry (10-15 µg/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. O'Brien, N.W., et al. 'Factor associated with neutral sphingomyelinase activation and its role in cardiac cell death.' *Circ Res.* 2003 Apr 4;92(6):589-91.
2. Segui, B., et al. 'CD40 Signals apoptosis through FAN-regulated activation of the sphingomyelin-ceramide pathway.' *J Biol Chem.* 1999; 274: 37251-37258
3. Adam-Klages, S., et al. 'FAN, a novel WD-repeat protein, couples the p55 TNF-receptor to neutral sphingomyelinase.' *Cell.* 1996; 86: 937-947.
4. Segui, B., et al. 'Involvement of FAN in TNF-induced apoptosis.' *J Clin Invest.* 2001; 108: 143-151.

PRODUCT SPECIFIC REFERENCES