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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

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FAN, N-SMase Activation Associated Factor. Rabbit Polyclonal Antibody

FAN (Factor associated with neutral sphingomyelinase activation) SMAF; 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
X2355P

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

APPLICATIONS
Western Blot

SPECIES REACTIVITY
Human

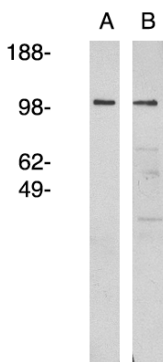
ACCESSION NUMBER
Human Q8IW26

IMMUNOGEN

Synthetic peptide derived from human NSMAF protein.

Western blot using anti nSMAF antibody (Cat. No. X2355P) on human brain lysate (A) and RMS-13 rhabdosarcoma cell lysate (B). Lysate used at 15 µg/lane. Antibody used at 1:400 dilution. Secondary antibody, mouse anti-rabbit HRP (Cat. No. X1207M), used at 1:50k dilution. Visualized using Pierce West Femto substrate system. Exposure for 5 minutes

anti - N-SMAF
(X2355P)



POSITIVE CONTROL/TISSUE EXPRESSION

Human testis, brain

COMMENTS

Antibody can be used for Western blotting (1-5 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

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