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NSMAF Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13585a

Specification

NSMAF Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q92636
Other Accession	NP_003571.2, NP_001138244.1
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**104372**
Antigen Region	**28-57**

NSMAF Antibody (N-term) - Additional Information

Gene ID 8439

Other Names
Protein FAN, Factor associated with neutral sphingomyelinase activation, Factor associated with N-SMase activation, NSMAF, FAN

Target/Specificity
This NSMAF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-57 amino acids from the N-terminal region of human NSMAF.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NSMAF Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NSMAF Antibody (N-term) - Protein Information

Name NSMAF

Synonyms FAN

Function Couples the p55 TNF-receptor (TNF-R55 / TNFR1) to neutral sphingomyelinase (N-SMASE). Specifically binds to the N-smase activation domain of TNF-R55. May regulate ceramide production by N- SMASE.

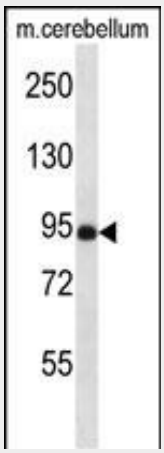
Tissue Location
Ubiquitous.

NSMAF Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NSMAF Antibody (N-term) - Images



NSMAF Antibody (N-term) (Cat. #AP13585a) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the NSMAF antibody detected the NSMAF protein (arrow).

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NSMAF Antibody (N-term) (Cat. #AP13585a)immunohistochemistry analysis in formalin fixed and paraffin embedded human thyroid tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NSMAF Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

NSMAF Antibody (N-term) - Background

This gene encodes a WD-repeat protein that binds the cytoplasmic sphingomyelinase activation domain of the 55kD tumor necrosis factor receptor. This protein is required for TNF-mediated activation of neutral sphingomyelinase and may play a role in regulating TNF-induced cellular responses such as inflammation. Alternative splicing results in multiple transcript variants.

NSMAF Antibody (N-term) - References

Bailey, S.D., et al. Diabetes Care (2010) In press :
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Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
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