

NSMAF Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13585a**Specification**

NSMAF Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O92636
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

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

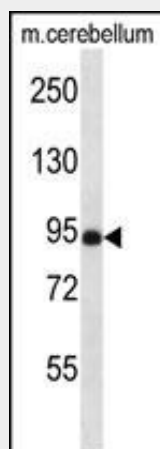
Tissue Location

Ubiquitous.

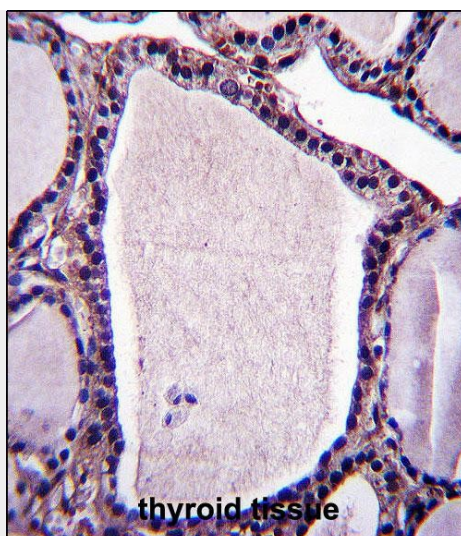
NSMAF Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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).



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)
Clarke, C.J., et al. Mol. Pharmacol. 74(4):1022-1032(2008)
Kolzer, M., et al. Biol. Chem. 385(12):1193-1195(2004)