

NSMAF Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13585a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q92636
Other Accession	NP_003571.2 , NP_001138244.1
Reactivity	Mouse
Predicted	Rat, Bovine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32808
Calculated MW	104372
Antigen Region	28-57

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~~1:100~500 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.

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.

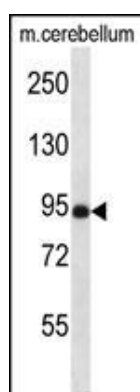
Background

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.

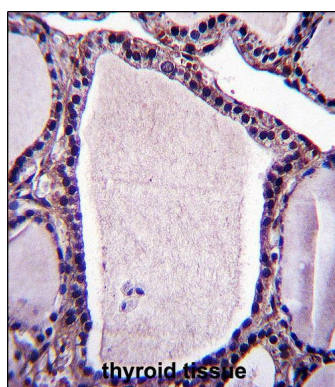
References

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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)
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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.