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NSMAF Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13585a

Specification

NSMAF Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q92636

NSMAF Antibody (N-term) Blocking peptide - 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
The synthetic peptide sequence used to generate the antibody AP13585a was selected from the N-term region of NSMAF. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NSMAF Antibody (N-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- Blocking Peptides

NSMAF Antibody (N-term) Blocking peptide - Images

NSMAF Antibody (N-term) Blocking peptide - Background

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

NSMAF Antibody (N-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)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)