

Datasheet for ABIN7601941
anti-NSMAF antibody (AA 51-868)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NSMAF
Binding Specificity:	AA 51-868
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSMAF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NSMAF Antibody Picoband®
Immunogen:	E.coli-derived human NSMAF recombinant protein (Position: K51-L868). Human NSMAF shares 92.3% amino acid (aa) sequence identity with mouse NSMAF.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-NSMAF Antibody Picoband® (ABIN7601941). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NSMAF
Alternative Name:	NSMAF (NSMAF Products)
Background:	Synonyms: NSMAF, FAN, Protein FAN, Factor associated with neutral sphingomyelinase activation, Factor associated with N-SMase activation 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.
Molecular Weight:	104 kDa
Gene ID:	8439
UniProt:	Q92636

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL 1. Adam-Klages, S., Adam, D., Wiegmann, K., Struve, S., Kolanus, W., Schneider-Mergener, J., Kronke, M. FAN, a novel WD-repeat protein, couples the p55 TNF-receptor to neutral sphingomyelinase. Cell 86: 937-947, 1996. 2. Montfort, A., de Badts, B., Douin-Echinard, V., Martin, P. G. P., Iacovoni, J., Nevoit, C., Therville, N., Garcia, V., Bertrand, M.-A., Bessieres, M.-H., Trombe, M.-C., Levade, T., Benoist, H., Segui, B. FAN stimulates TNF-alpha-induced gene expression, leukocyte recruitment, and humoral response. J. Immun. 183: 5369-5378, 2009. 3. Segui, B., Cuvillier, O., Adam-Klages, S., Garcia, V., Malagarie-Cazenave, S., Leveque, S., Caspar-Bauguil, S., Coudert, J., Salvayre, R., Kronke, M., Levade, T. Involvement of FAN in TNF-induced apoptosis. J. Clin. Invest. 108: 143-151, 2001.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.