

Datasheet for ABIN7599206
anti-NOSIP antibody (AA 1-278)



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Overview

Quantity:	100 µg
Target:	NOSIP
Binding Specificity:	AA 1-278
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOSIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NOSIP Antibody Picoband®
Immunogen:	E.coli-derived human NOSIP recombinant protein (Position: M1-R278).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NOSIP Antibody Picoband® (ABIN7599206). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. 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:	NOSIP
Alternative Name:	NOSIP (NOSIP Products)
Background:	Synonyms: C-C motif chemokine 16, Chemokine CC-4, HCC-4, Chemokine LEC, IL-10-inducible chemokine, LCC-1, Liver-expressed chemokine, Lymphocyte and monocyte chemoattractant, LMC, Monotactin-1, MTN-1, NCC-4, Small-inducible cytokine A16, CCL16, ILINCK, NCC4, SCYA16 Tissue Specificity: Mainly expressed in liver, also found in spleen and thymus. Highly expressed in LPS- and IFN-gamma- activated monocytes, weakly in some lymphocytes, including natural killer cells, gamma-delta T-cells, and some T-cell clones. Background: Nitric oxide synthase-interacting protein is an enzyme that in humans is encoded by the NOSIP gene. The protein encoded by this gene may modulate the activity and localization of nitric oxide synthase (endothelial and neuronal) and thus nitric oxide production. Alternative splicing results in multiple transcript variants that encode the same protein.
Molecular Weight:	35 kDa
Gene ID:	51070
UniProt:	Q9Y314

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry(Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Dedio, J., Konig, P., Wohlfart, P., Schroeder, C., Kummer, W., Muller-Esterl, W. NOSIP, a novel modulator of endothelial nitric oxide synthase activity. FASEB J. 15: 79-89, 2001. 2. Hoffmeister, M., Prella, C., Kuchler, P., Kovacevic, I., Moser, M., Muller-Esterl, W., Oess, S. The ubiquitin E3 ligase NOSIP modulates protein phosphatase 2A activity in craniofacial development. PLoS One 9: e116150, 2014. Note: Electronic Article.
Restrictions:	For Research Use only

Handling

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

Handling

Concentration:	500 µg/mL
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.