

Datasheet for ABIN7599578  
**anti-NAA38 antibody (AA 1-96)**



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## Overview

Quantity:	100 µg
Target:	NAA38
Binding Specificity:	AA 1-96
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NAA38 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-LSM8 Antibody Picoband® (monoclonal, 6B11)
Immunogen:	E.coli-derived human LSM8 recombinant protein (Position: M1-H96).
Clone:	6B11
Isotype:	IgG2a
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-LSM8 Antibody Picoband® (monoclonal, 6B11) (ABIN7599578). Tested in Flow Cytometry, IF, IHC, ICC, WB 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.

## Product Details

Purification: Immunogen affinity purified.

## Target Details

Target: NAA38

Alternative Name: LSM8 ([NAA38 Products](#))

Background: Synonyms: ATP synthase D chain mitochondrial antibody|ATP synthase H<sup>+</sup> transporting mitochondrial F1F0 subunit antibody|ATP synthase H<sup>+</sup> transporting mitochondrial F1F0 subunit d antibody|ATP synthase subunit d antibody|ATP synthase subunit d, mitochondrial antibody|ATP synthase, H<sup>+</sup> transporting, mitochondrial F0 complex, subunit d antibody|ATP5H antibody|ATP5H\_HUMAN antibody|ATP5JD antibody|ATPase subunit d antibody|ATPQ antibody|mitochondrial antibody|My032 protein antibody

Tissue Specificity: Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

Background: U6 snRNA-associated Sm-like protein LSm8 is a protein that in humans is encoded by the LSM8 gene. This gene encodes a member of the like-Sm family of proteins. The encoded protein consists of a closed barrel shape, made up of five anti-parallel beta strands and an alpha helix. This protein partners with six paralogs to form a heteroheptameric ring which transiently binds U6 small nuclear RNAs and is involved in the general maturation of RNA in the nucleus.

Molecular Weight: 16 kDa

Gene ID: 51691

UniProt: [O95777](#)

## Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat

Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human

Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human

Flow Cytometry (Fixed), 1-3 µg/1×10<sup>6</sup> cells, Human, Mouse, Rat

1. Achsel, T., Brahms, H., Kastner, B., Bachi, A., Wilm, M., Luhrmann, R. A doughnut-shaped heteromer of human Sm-like proteins binds to the 3-prime end of U6 snRNA, thereby facilitating U4/U6 duplex formation in vitro. EMBO J. 18: 5789-5802, 1999. 2. Salgado-Garrido, J., Bragado-Nilsson, E., Kandels-Lewis, S., Seraphin, B. Sm and Sm-like proteins assemble in two related complexes of deep evolutionary origin. EMBO J. 18: 3451-3462, 1999.

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4.
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.