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Datasheet for ABIN6991305

**anti-Nsa1p (NSA1) (AA 90-140), (N-Term) antibody**

## Overview

Quantity:	0.1 mg
Target:	Nsa1p (NSA1)
Binding Specificity:	AA 90-140, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	NSA1 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human NSA1. The immunogen is located within amino acids 90 - 140 of NSA1.
Isotype:	IgG
Purification:	NSA1 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	Nsa1p (NSA1)
Alternative Name:	NSA1 ( <a href="#">NSA1 Products</a> )
Background:	NSA1 Antibody: The yeast nucleolar protein NOP7 is necessary for the maturation of 66S preribosomes and interacts with numerous other proteins. One such protein is an essential, conserved WD repeat protein, NOP seven-associated protein 1 (NSA1), that is also required for

## Target Details

the yeast 66S ribosome assembly. NSA1 is also associated with the AAA ATPase Rix7, and release of NSA1 from a novel late nucleolar pre-60S requires the Rix7 function. NSA1 has also been found upregulated in mammalian cancer cells, suggesting it may also play a role in cell proliferation.

Gene ID: 54663

UniProt: [Q6RFH5](#)

## Application Details

Application Notes: NSA1 antibody can be used for detection of NSA1 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: NSA1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: NSA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.