

## Datasheet for ABIN932460 **anti-SUPT4H antibody**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	SUPT4H (SUPT4H1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SUPT4H antibody is un-conjugated
Application:	Dot Blot (DB)

#### Product Details

Immunogen:	SUPT4 H1 antibody was raised in mouse using recombinant Human Suppressor Of Ty 4 Homolog 1 (S. Cerevisiae) (Supt4 1)
Clone:	3079C1a
Isotype:	IgG2b
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

#### Target Details

Target:	SUPT4H (SUPT4H1)
Alternative Name:	SUPT4H1 ( <a href="#">SUPT4H1 Products</a> )

## Target Details

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**Background:** SUPT4H1 is a component of the DRB sensitivity-inducing factor complex (DSIF complex), which regulates mRNA processing and transcription elongation by RNA polymerase II. DSIF positively regulates mRNA capping by stimulating the mRNA guanylyltransferase activity of RNGTT/CAP1A. DSIF also acts cooperatively with the negative elongation factor complex (NELF complex) to enhance transcriptional pausing at sites proximal to the promoter. Transcriptional pausing may facilitate the assembly of an elongation competent RNA polymerase II complex. DSIF and NELF promote pausing by inhibition of the transcription elongation factor TFIS/S-II. Synonyms: Monoclonal SUPT4H1 antibody, Anti-SUPT4H1 antibody, Suppressor of Ty 4 homolog 1 antibody, SPT4H antibody, SUPT4H antibody.

## Application Details

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**Application Notes:** Optimal conditions should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Concentration:** Lot specific

**Buffer:** SUPT4 H1 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

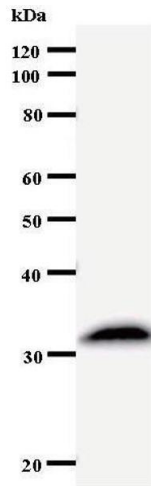
**Preservative:** Sodium azide

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

**Handling Advice:** Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



## Western Blotting

Image 1.