Datasheet for ABIN7140470

anti-SUPT16H antibody (AA 890-1074) (Biotin)

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Overview

Quantity:	100 µg
Target:	SUPT16H
Binding Specificity:	AA 890-1074
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUPT16H antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Arabidopsis thaliana FACT complex subunit SPT16 protein (890-1074AA)
Isotype:	IgG
Cross-Reactivity:	Arabidopsis thaliana
Purification:	>95%, Protein G purified

Target Details

Target:	SUPT16H
Alternative Name:	SPT16 ([SUPT16H Products](#))
Background:	Background: Component of the FACT complex, a general chromatin factor that acts to reorganize nucleosomes. The FACT complex is involved in multiple processes that require DNA

Target Details

as a template such as mRNA elongation, DNA replication and DNA repair. During transcription elongation the FACT complex acts as a histone chaperone that both destabilizes and restores nucleosomal structure. It facilitates the passage of RNA polymerase II and transcription by promoting the dissociation of one histone H2A-H2B dimer from the nucleosome, then subsequently promotes the reestablishment of the nucleosome following the passage of RNA polymerase II (Probable).

Aliases: SPT16 antibody, At4g10710 antibody, T12H20.3 antibody, FACT complex subunit SPT16 antibody, Facilitates chromatin transcription complex subunit SPT16 antibody

UniProt:	O82491
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.