

Datasheet for ABIN7152514

anti-SUPT16H antibody (AA 187-282) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SUPT16H
Binding Specificity:	AA 187-282
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUPT16H antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human FACT complex subunit SPT16 protein (187-282AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SUPT16H
Alternative Name:	SUPT16H (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. The FACT complex is probably also involved in phosphorylation of 'Ser-392' of p53/TP53 via its association with CK2 (casein kinase II).

Aliases: CDC68 antibody, Chromatin specific transcription elongation factor 140 kDa subunit antibody, Chromatin-specific transcription elongation factor 140 kDa subunit antibody, Facilitates chromatin transcription complex subunit SPT16 antibody, FACT 140 kDa subunit antibody, FACT antibody, FACT complex subunit SPT16 antibody, FACTp140 antibody, FLJ10857 antibody, FLJ14010 antibody, hSPT16 antibody, SP16H_HUMAN antibody, Suppressor of Ty 16 homolog antibody, Supt16h antibody

UniProt: [Q9Y5B9](#)

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.