G-Biosciences Image not found or type unknown

Immunotag™ SUPT16H Antibody

Antibody Specification

Catalog No.	ITA0574
Product Description	Immunotag™ SUPT16H Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SUPT16H
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SUPT16H
Specificity	SUPT16H Antibody detects endogenous levels of SUPT16H
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SUPT16H
Accession No.	Q9Y5B9
Alternate Names	CDC68; Chromatin specific transcription elongation factor 140 kDa subunit; Chromatin-specific transcription elongation factor 140 kDa subunit; Facilitates chromatin transcription complex subunit SPT16; FACT 140 kDa subunit; FACT; FACT complex subunit SPT16; FACTp140; FLJ10857; FLJ14010; hSPT16; SP16H_HUMAN; Suppressor of Ty 16 homolog; Supt16h;

Antibody Specification

Description	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 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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	119kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.