G-Biosciences Image not found or type unknown

Immunotag™ SENP3 Antibody

Antibody Specification

Catalog No.	ITA8041
Product Description	Immunotag™ SENP3 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	SENP3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SENP3
Specificity	SENP3 Antibody detects endogenous levels of total SENP3
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	SENP3
Accession No.	Q9H4L4
Alternate Names	SENP3; SENP3_HUMAN; Sentrin / SUMO specific protease 3; Sentrin specific protease 3; Sentrin-specific protease 3; Sentrin/SUMO-specific protease SENP3; SMT3IP1; SSP3; SUMO 1 specific protease 3; SUMO-1-specific protease 3; SUMO1 specific protease 3; SUMO1/sentrin/SMT3 specific peptidase 3; SUSP3;

Antibody Specification

Description	Protease that releases SUMO2 and SUMO3 monomers from sumoylated substrates, but has only weak activity against SUMO1 conjugates. Deconjugates SUMO2 from MEF2D, which increases its transcriptional activation capability. Deconjugates SUMO2 and SUMO3 from CDCA8. Redox sensor that, when redistributed into nucleoplasm, can act as an effector to enhance HIF1A transcriptional activity by desumoylating EP300. Required for rRNA processing through deconjugation of SUMO2 and SUMO3 from nucleophosmin, NPM1. Plays a role in the regulation of sumoylation status of ZNF148. Functions as a component of the Five Friends of Methylated CHTOP (5FMC) complex; the 5FMC complex is recruited to ZNF148 by methylated CHTOP, leading to desumoylation of ZNF148 and subsequent transactivation of ZNF148 target genes.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	65 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.