G-Biosciences Image not found or type unknown

Immunotag™ SENP2 Antibody

Antibody Specification

Catalog No.	ITA8171
Product Description	Immunotag™ SENP2 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	SENP2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000 IF/ICC 1:200-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SENP2
Specificity	SENP2 Antibody detects endogenous levels of total SENP2
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	SENP2
Accession No.	Q9HC62
Alternate Names	Axam2; DKFZp762A2316; KIAA1331; Senp2; SENP2_HUMAN; Sentrin specific protease 2; Sentrin-specific protease 2; Sentrin/SUMO specific protease SENP2; Sentrin/SUMO-specific protease SENP2; SMT3 specific isopeptidase 2; SMT3-specific isopeptidase 2; Smt3ip2; SUMO1/sentrin/SMT3 specific peptidase 2;

Antibody Specification

Description	Protease that catalyzes two essential functions in the SUMO pathway. The first is the hydrolysis of an alpha-linked peptide bond at the C-terminal end of the small ubiquitin-like modifier (SUMO) propeptides, SUMO1, SUMO2 and SUMO3 leading to the mature form of the proteins. The second is the deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins, by cleaving an epsilon-linked peptide bond between the C-terminal glycine of the mature SUMO and the lysine epsilon-amino group of the target protein. May down-regulate CTNNB1 levels and thereby modulate the Wnt pathway. Deconjugates SUMO2 from MTA1. Plays a dynamic role in adipogenesis by desumoylating and promoting the stabilization of CEBPB (PubMed:20194620).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	68 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.