

Immunotag™ SUMO4 Antibody

Antibody Specification	
Catalog No.	ITA7259
Product Description	Immunotag™ SUMO4 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	SUMO4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-1:2000 IHC 1:100-1:300
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthetic peptide of human SUMO4
Specificity	SUMO4 Antibody detects endogenous levels of total SUMO4
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	SUMO4
Accession No.	Q6EEV6
Alternate Names	dj281H8.4; IDDM5; Small ubiquitin like modifier 4 protein; Small ubiquitin-like protein 4; Small ubiquitin-related modifier 4; SMT3 suppressor of mif two 3 homolog 2; SMT3 suppressor of mif two 3 homolog 4 (S. cerevisiae); SMT3H4; SUMO 4; SUMO-4; SUMO4; SUMO4_HUMAN;

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Description	Ubiquitin-like protein which can be covalently attached to target lysines as a monomer. Does not seem to be involved in protein degradation and may modulate protein subcellular localization, stability or activity. Upon oxidative stress, conjugates to various anti-oxidant enzymes, chaperones, and stress defense proteins. May also conjugate to NFKBIA, TFAP2A and FOS, negatively regulating their transcriptional activity, and to NR3C1, positively regulating its transcriptional activity. Covalent attachment to its substrates requires prior activation by the E1 complex SAE1-SAE2 and linkage to the E2 enzyme UBE2I.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	12kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.