

Immunotag™ SENP3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4238
Product Description	Immunotag™ SENP3 Polyclonal Antibody
Size	50 µg, 100 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,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human SENP3. AA range:10-59
Specificity	SENP3 Polyclonal Antibody detects endogenous levels of SENP3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SENP3
Accession No.	Q9H4L4 Q9EP97
Alternate Names	SENP3; SSP3; SUSP3; Sentrin-specific protease 3; SUMO-1-specific protease 3; Sentrin/SUMO-specific protease SENP3

Antibody Specification

Description	SUMO1/sentrin/SMT3 specific peptidase 3 (SEN3) Homo sapiens The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for numerous biologic processes. SUMO-specific proteases, such as SEN3, are responsible for the initial processing of SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also have isopeptidase activity for the removal of SUMO from high molecular mass SUMO conjugates (Di Bacco et al., 2006 [PubMed 16738315]).[supplied by OMIM, Jun 2009],
Protein Expression	Epithelium,Lymph,Melanoma,Uterus,
Subcellular Localization	nucleus,nucleoplasm,nucleolus,cytoplasm,MLL1 complex,
Protein Function	function: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.,similarity:Belongs to the peptidase C48 family.,subunit:Binds to UBL1 and SMT3H1.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.