



Anti-SEN3 (aa 301-400) polyclonal antibody (DPAB-DC1281)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 SENP3, 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]
Immunogen	SEN3 (NP_056485, 301 a.a. ~ 400 a.a) partial recombinant protein with GST tag. The sequence is EKAGQHSPLEEHVTCVQSILDEFLQTYGSLIPLSTDEVVEKLEDIFQQEFSTPSRKGLV LQLIQSYQRMPGNAMVRGFRVAYKRHVLTMDDLGLTYGQN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SENP3 SUMO1/sentrin/SMT3 specific peptidase 3 [Homo sapiens (human)]
Official Symbol	SENP3
Synonyms	SENP3; SUMO1/sentrin/SMT3 specific peptidase 3; SSP3; Ulp1; SMT3IP1; sentrin-specific protease 3; SUMO-1-specific protease 3; sentrin/SUMO-specific protease 3;
Entrez Gene ID	26168
Protein Refseq	NP_056485
UniProt ID	Q9H4L4
Chromosome Location	17p13
Function	protein binding; ubiquitin-specific protease activity;