



Anti-SEN7 (aa 1-110) polyclonal antibody (DPAB-DC2576)

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 many cellular processes. SUMO-specific proteases, such as SENP7, process SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also display isopeptidase activity for deconjugation of SUMO-conjugated substrates (Lima and Reverter, 2008 [PubMed 18799455]).[supplied by OMIM, Jun 2009]
Immunogen	SEN7 (NP_065705, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is MDKRKLGRRPSSSEIITEGKRKKSSSDLSEIRKMLNAKPEDVHVQSPLSKFRSSERWTLP LQWERSLRNKVISLDHKNKKHIRGCPVTSRSSPERIPRVILT NVLGTELG
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	SEN7 SUMO1/sentrin specific peptidase 7 [Homo sapiens (human)]
Official Symbol	SEN7
Synonyms	SEN7; SUMO1/sentrin specific peptidase 7; sentrin-specific protease 7; SUMO-1-specific protease 2; sentrin/SUMO-specific protease SEN7;
Entrez Gene ID	57337
Protein Refseq	NP_001070671
UniProt ID	J3QT09
Chromosome Location	3q12
Function	cysteine-type peptidase activity; protein binding;