

Datasheet for ABIN521224

anti-SUMO1 antibody (AA 1-101)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	SUMO1
Binding Specificity:	AA 1-101
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This SUMO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human SUMO1 protein.
Immunogen:	SUMO1 (NP_001005781.1, 1 a.a. ~ 101 a.a) full-length human protein.
Sequence:	MSDQEAKPST EDLGDKKEGE YIKLKVIGQD SSEIHFVKVM TTHLKCLKES YCQRQGVPMN SLRFLFEGQR IADNHTPKEL GMEEEDVIEV YQEQTGGHST V
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	SUMO1
Alternative Name:	SUMO1 (SUMO1 Products)

Target Details

Background:	Full Gene Name: SMT3 suppressor of mif two 3 homolog 1 (<i>S. cerevisiae</i>) Synonyms: DAP-1,GMP1,OFC10,PIC1,SEN2,SMT3,SMT3C,SMT3H3,SUMO-1,UBL1
Gene ID:	7341
NCBI Accession:	NM_001005781
Pathways:	M Phase , Positive Regulation of Endopeptidase Activity , Protein targeting to Nucleus , Ubiquitin Proteasome Pathway

Application Details

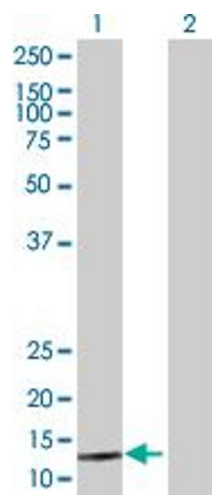
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	No additive
Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Qin, Deng, Ekmekcioglu, Grimm: "Identification of unique sensitizing targets for anti-inflammatory CDDO-Me in metastatic melanoma by a large-scale synthetic lethal RNAi screening." in: Pigment cell & melanoma research , Vol. 26, Issue 1, pp. 97-112, (2012) (PubMed).
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Western Blotting

Image 1. Western Blot analysis of SUMO1 expression in transfected 293T cell line by SUMO1 MaxPab polyclonal antibody.

Lane 1: SUMO1 transfected lysate(11.60 KDa).

Lane 2: Non-transfected lysate.