

Cat. No:	AB-84756
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-101 of human Sumo 1.
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:1000 Immunohistochemistry (paraffin-embedded tissues): 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
Molecular Weight:	17kDa/80kDa
Purification:	Affinity purification
Synonyms:	DAP1; GMP1; PIC1; SMT3; UBL1; OFC10; SENP2; SMT3C; SMT3H3
Background:	<p>This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized.</p>
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles..

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