

SUMO1

Tested applications:WB IHC ICC IF IP FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100

IP 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW:12 kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human SUMO1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DAP1; GMP1; PIC1; SMT3; UBL1; OFC10; SENP2; SMT3C; SMT3H3;

Catalog #:A11230

Antibody Type:

Monoclonal Antibody

Species:Rabbit

Gene ID:7341

Isotype:IgG

Swiss Prot:P63165

Purity:Affinity purification

For research use only.

Background:

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.

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