

A0825

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SUMO1 Rabbit pAb

Catalog No.: A0825

Basic Information

Observed MW

17kDa, 90kDa

Calculated MW

12kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,FC

Cross-Reactivity

Human,Mouse

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:20 - 1:50
FC	1:20 - 1:50

Immunogen Information

Gene ID	Swiss Prot
7341	P63165

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

DAP1; GMP1; PIC1; SMT3; UBL1; OFC10; SENP2; SMT3C; SMT3H3; SUMO1

Contact

 www.abclonal.com

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,pH7.3.