

SUMO1 (Human) Cell-Based ELISA Kit

Catalog # KA3540

Size 1 Kit

Specification

Product Description	SUMO1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of SUMO1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — SUMO1

Entrez GeneID	7341
Gene Name	SUMO1
Gene Alias	DAP-1, GMP1, OFC10, PIC1, SENP2, SMT3, SMT3C, SMT3H3, SUMO-1, UBL1
Gene Description	SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae)
Omim ID	601912

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

GAP modifying protein 1|SMT3 suppressor of mif two 3 homolog 1|sentrin|ubiquitin-like 1 (sentrin)

Disease

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