SUMO1 polyclonal antibody

Catalog # PAB5599 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SUMO1.
Immunogen	A synthetic peptide corresponding to N-terminus of human SUMO1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — SUMO1

Entrez GeneID	7341
Gene Name	SUMO1

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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

- Carcinoma
- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lung Neoplasms
- Tooth Abnormalities

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