DNAxPAb | Hard-to-Find Antibody

SUMO1 DNAxPab

Catalog # H00007341-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SUMO1 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSDQEAKPSTEDLGDKKEGEYIKLKVIGQDSSEIHFKVKMTTHLKKLKESYCQRQGVPMNSLRFL FEGQRIADNHTPKELGMEEEDVIEVYQEQTGGHSTV
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SUMO1

Entrez GeneID	7341
GeneBank Accession#	NM_001005781.1
Protein Accession#	NP_001005781.1
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 p ost-translational modification system. However, unlike ubiquitin which targets proteins for degrada tion, this protein is involved in a variety of cellular processes, such as nuclear transport, transcripti onal 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. [pro vided 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