

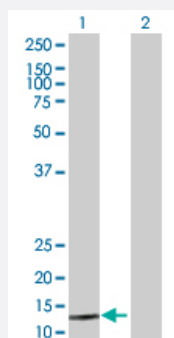
MaxPab®

SUMO1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00007341-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SUMO1 expression in transfected 293T cell line ([H00007341-T02](#)) by SUMO1 MaxPab polyclonal antibody.

Lane 1: SUMO1 transfected lysate(11.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SUMO1 protein.
Immunogen	SUMO1 (NP_001005781.1, 1 a.a. ~ 101 a.a) full-length human protein.
Sequence	MSDQEAKPSTEDLGDKKEGEYIKLVIGQDSSEIHFKVKMTTHLKKLKESYCQRQGVPMNSLRFL FEGQRIADNHTPKELGMEEEDVIEVYQEQTGGHSTV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

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 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)

Publication Reference

- [Identification of unique sensitizing targets for anti-inflammatory CDDO-Me in metastatic melanoma by a large-scale synthetic lethal RNAi screening.](#)

Qin Y, Deng W, Ekmekcioglu S, Grimm EA.

Pigment Cell & Melanoma Research 2013 Jan; 26(1):97.

Application: IHC, WB-Ce, Human, NHEK, NHEK, SB2, WM35, WM793, A-375, MeWo, SK-Mel-2 cells

Disease

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