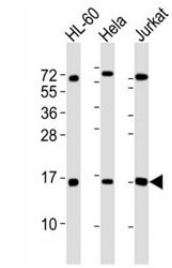
SUMO1 Antibody [clone 66AT1273.94] (F40203)

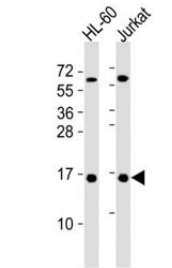
Catalog No.	Formulation	Size
F40203-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40203-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	66AT1273.94
Purity	Purified
UniProt	P63165
Applications	Western blot: 1:100-4000
Limitations	This SUMO1 antibody is available for research use only.



Western blot testing of SUMO1 antibody at 1:4000 dilution. Lane 1: HL-60 lysate; 2: HeLa lysate; 3: Jurkat lysate. Predicted molecular weight: 12-15 kDa



Western blot testing of SUMO1 antibody at 1:4000 dilution. Lane 1: HL-60 lysate; 2: Jurkat lysate

Description

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.

Application Notes

Titration of the SUMO1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Purified recombinant protein was used as immunogen for this SUMO1 antibody.

Storage

Aliquot the SUMO1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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