

## SUMO Antibody (F53483)

Catalog No.	Formulation	Size
F53483-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53483-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Drosophila
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	O97102
<b>Applications</b>	ELISA :
<b>Limitations</b>	This SUMO antibody is available for research use only.



## Description

Covalent modification of target lysines by SUMO (small ubiquitin-like modifier) modulates processes such as protein localization, transcription, nuclear transport, mitosis, DNA replication and repair, signal transduction, and viral reproduction. SUMO does not seem to be involved in protein degradation and may in fact function as an antagonist of ubiquitin in the degradation process. In the development of Drosophila, SUMO plays a maternal role in anterior-posterior (A/P) polarity and patterning.

## Application Notes

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

## **Immunogen**

This SUMO antibody was produced from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of Drosophila SUMO1.

## **Storage**

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