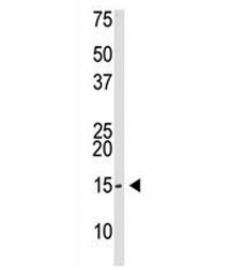
SUMO-3 Antibody (F42017)

Catalog No.	Formulation	Size
F42017-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42017-0.08ML	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	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P55854
Applications	Western Blot : 1:1000
Limitations	This SUMO-3 antibody is available for research use only.



SUMO-3 antibody used in western blot to detect SUMO3 in Saos-2 cell lysate

Description

SUMO2 and SUMO3 are members of the SUMO (small ubiquitin-like modifier) protein family. This protein family 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. In vertebrates, three members of the SUMO family have been described, SUMO 1 and the functionally distinct homologues SUMO 2 and SUMO 3. SUMO modification sites present in the N terminal regions of SUMO 2 and SUMO 3 are utilized by SAE1/SAE2 (SUMO E1) and Ubc9 (SUMO E2) to form polymeric chains of SUMO 2 and SUMO 3 on protein substrates, a property not shared by

SUMO 1.

Application Notes

Titration of the SUMO-3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 38-64 from the human protein was used as the immunogen for this SUMO-3 antibody.

Storage

Aliquot the SUMO-3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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