

For Research Use Only

SUMO3-Trap Magnetic Agarose, Kit for Immunoprecipitation



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Catalog Number: **s3tmak**

Basic Information

Catalog Number:
s3tmak

Applications:
IP, Co-IP

Conjugate:
Magnetic Agarose beads; ~40 um (cross-linked 6% magnetic agarose beads)

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

The ChromoTek SUMO3-Trap Magnetic Agarose, Kit for Immunoprecipitation consists of an anti-SUMO3 NANOBODY®/VHH, which is coupled to magnetic agarose beads. It also contains lysis, wash, and elution buffers that can be used for the immunoprecipitation of SUMO3 and SUMO2 proteins from cell extracts of various organisms.

Specificity/Target

Binds specifically to human SUMO2 and SUMO3 (Small Ubiquitin-like Modifier 2 and 3). The ChromoTek SUMO3-Trap Agarose will immunoprecipitate both monovalent SUMO2/3 and chains formed by the process of SUMOylation. In addition to human SUMO2 and SUMO3, it will also bind to homologs from other mammals.

Elution buffer

2x SDS-sample buffer (Lamml), 200 mM glycine pH 2.5

Affinity (K_D)

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Storage

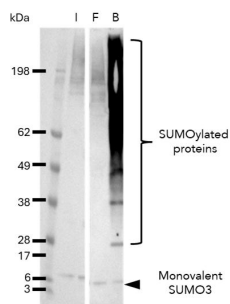
Storage:
Shipped at ambient temperature. Upon receipt store at +4°C. Stable for one year. DO not freeze!
Storage Buffer:
20% ethanol

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



The SUMO3-Trap Magnetic Agarose (s3tma) was used to immunoprecipitate endogenous SUMO3ylated and SUMO2ylated proteins from a human cell line. Samples of the input lysate (I), non-bound flow-through (F) and bound (B) fraction were analysed using Western blot. SUMO2/3ylated proteins are highly enriched using the SUMO3-Trap. Data kindly provided by Prof. Alfred Vertegaal, Leiden University, The Netherlands.