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Datasheet for ABIN7169891

anti-SUMO3 antibody (AA 1-92) (FITC)

Overview

Quantity:	100 µg
Target:	SUMO3
Binding Specificity:	AA 1-92
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUMO3 antibody is conjugated to FITC

Product Details

Immunogen:	Recombinant Human Small ubiquitin-related modifier 3 protein (1-92AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SUMO3
Alternative Name:	SUMO3 (SUMO3 Products)
Background:	Background: Ubiquitin-like protein which can be covalently attached to target lysines either as a monomer or as a lysine-linked polymer. Does not seem to be involved in protein degradation and may function as an antagonist of ubiquitin in the degradation process. Plays a role in a number of cellular processes such as nuclear transport, DNA replication and repair, mitosis and

Target Details

signal transduction. Covalent attachment to its substrates requires prior activation by the E1 complex SAE1-SAE2 and linkage to the E2 enzyme UBE2I, and can be promoted by an E3 ligase such as PIAS1-4, RANBP2 or CBX4 (PubMed:11451954, PubMed:18538659, PubMed:21965678). Plays a role in the regulation of sumoylation status of SETX (PubMed:24105744).

Aliases: Small ubiquitin like modifier 3 antibody, Small ubiquitin related modifier 3 antibody, Small ubiquitin-related modifier 3 antibody, SMT3 homolog 1 antibody, SMT3 suppressor of mif two 3 homolog 1 antibody, SMT3 suppressor of mif two 3 homolog 3 antibody, SMT3, yeast, homolog 1 antibody, SMT3A antibody, Smt3B antibody, SMT3H1 antibody, SUMO-2 antibody, SUMO-3 antibody, sumo3 antibody, SUMO3_HUMAN antibody, Ubiquitin like protein SMT3A antibody, Ubiquitin-like protein SMT3B antibody

UniProt: [P55854](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.