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Datasheet for ABIN7169890

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

Overview

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

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

Target Details

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 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

Application Notes: Optimal working dilution should be determined by the investigator.

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.