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anti-SUMO3 antibody (AA 1-92)





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Overview

Quantity:	100 μg
Target:	SUM03
Binding Specificity:	AA 1-92
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

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:	SUM03
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

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

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

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

UniProt:

P55854

(PubMed:24105744).

Application Details

Precaution of Use:

Storage Comment:

Storage:

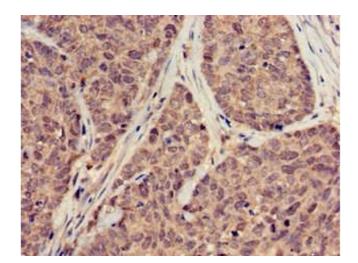
Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin

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

handled by trained staff only.

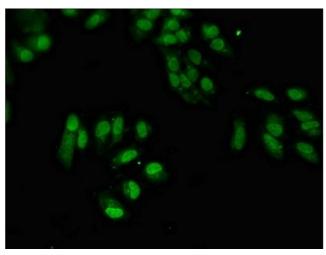
-20 °C,-80 °C

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Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human ovarian cancer using ABIN7169889 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of Hela cells using ABIN7169889 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)