

Datasheet for ABIN6991339
anti-SUMO3 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	SUMO3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUMO3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SUMO3 antibody was raised against a 13 amino acid synthetic peptide near the carboxy terminus of human SUMO3. The immunogen is located within the last 50 amino acids of SUMO3.
Isotype:	IgG
Purification:	SUMO3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SUMO3
Alternative Name:	SUMO3 (SUMO3 Products)
Background:	SUMO3 Antibody: Small ubiquitin-like modifiers (SUMOs) are a family of small, related proteins

Target Details

(Sumo-1/2/3/4) that can be enzymatically attached to a target protein by a post-translational modification process termed sumoylation, which is a major regulator of protein function in cellular processes such as nuclear transport, transcriptional regulation, apoptosis and protein stability. All SUMO proteins localize to the nucleus and are covalently conjugated, affecting protein structure, function and interactions. SUMO2 and 3 are 96 % identical and are more mobile within nucleus relative to SUMO1. Specific functional differences between SUMO1 and SUMO2 and 3 remain to be identified.

Gene ID:	6612
NCBI Accession:	NP_008867
UniProt:	P55854

Application Details

Application Notes:	SUMO3 antibody can be used for detection of SUMO3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in rat samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SUMO3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	SUMO3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.