

Datasheet for ABIN1533443
anti-SUMO1 antibody (AA 1-50)



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3 Images

Overview

Quantity:	100 µL
Target:	SUMO1
Binding Specificity:	AA 1-50
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUMO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Sumo1.
Isotype:	IgG
Specificity:	Sumo1 Antibody detects endogenous levels of total Sumo1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	SUMO1
Alternative Name:	Sumo1 (SUMO1 Products)
Background:	Synonyms: Small ubiquitin-related modifier 1, SUMO-1, Sentrin, Ubiquitin-like protein SMT3C,

Target Details

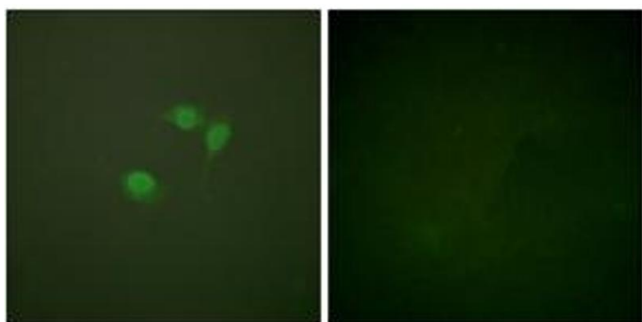
	SMT3 homolog 3, Ubiquitin-homology domain protein PIC1, Ubiquitin-like protein UBL1, GAP-modifying protein 1, GMP1, SUMO1, SMT3C, SMT3H3, UBL1, OK/SW-cl.43 NCBI Gene Symbol: SUMO1
Molecular Weight:	11 kDa
Gene ID:	7341
OMIM:	601912
UniProt:	P63165
Pathways:	M Phase , Positive Regulation of Endopeptidase Activity , Protein targeting to Nucleus , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.596171, Hs.81424 (NCBI Gene Symbol: SUMO1)
Restrictions:	For Research Use only

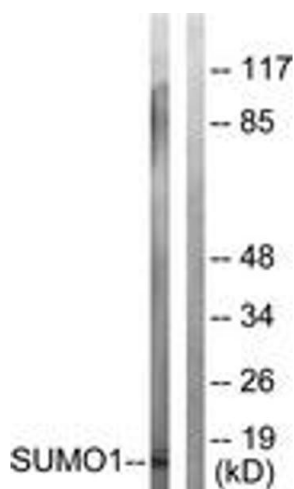
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



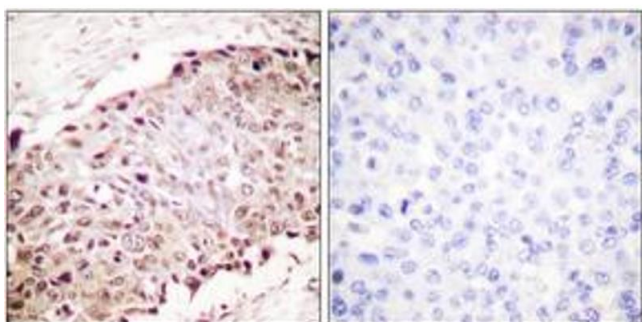
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH-3T3 cells, using Sumo1 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells, using Sumo1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Sumo1 Antibody. The picture on the right is treated with the synthesized peptide.