



# **SUMO1 Monoclonal Antibody**

**Catalog No: tcba1595** 

基	Available Sizes
Size:	: 50ul
Size:	: 100ul
Size:	: 200ul
	Specifications
	ication: HC,IF,IP
	earch Area: er,Autophagy pathway,Cardiovascular,Cell Biology,Metabolism,NF-κB pathway,RNA Binding Protein(RBP),
_	i <b>ies Reactivity:</b> an,Mouse,Rat
<b>Host</b> Rabb	Species: it
<b>Isoty</b> IgG	/pe:
<b>Form</b> Liquid	
	age Buffer: r: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## **Recommended Dilution:**

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50





### **Storage Instruction:**

Store at -20°C. Avoid freeze / thaw cycles.

#### **Alternative Names:**

DAP1;GMP1;OFC10;PIC1;SENP2;SMT3;SMT3C;SMT3H3;UBL1

#### **SwissProt:**

P63165

#### **Gene ID:**

7341 (human);

## **Calculated Molecular Weight:**

8kDa/11kDa

#### **Purification:**

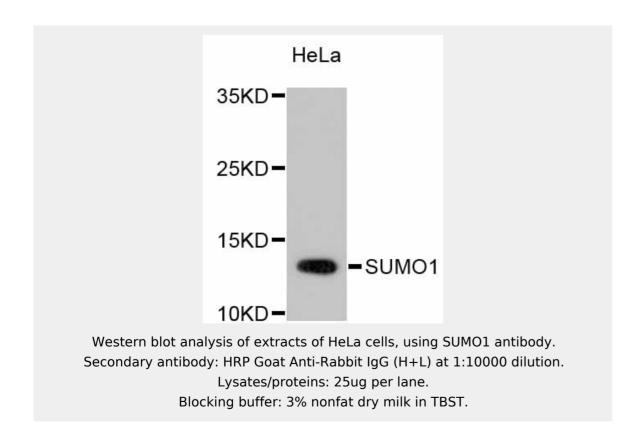
Affinity purification

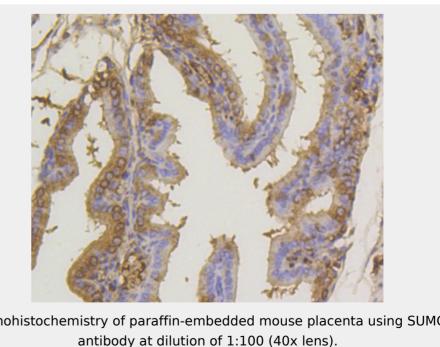
#### **Cellular Location:**

Cell membrane, Cytoplasm, Nucleus, Nucleus membrane, Nucleus speckle, PML body,

## **Product Description**

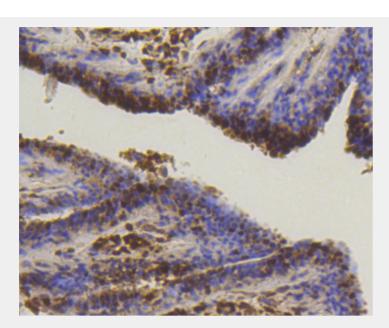
This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized.



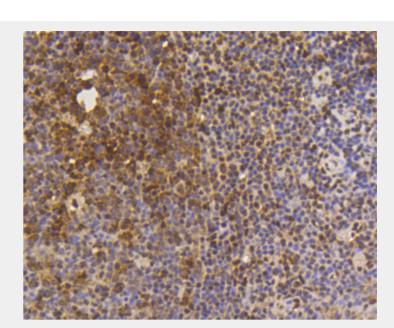


Immunohistochemistry of paraffin-embedded mouse placenta using SUMO1

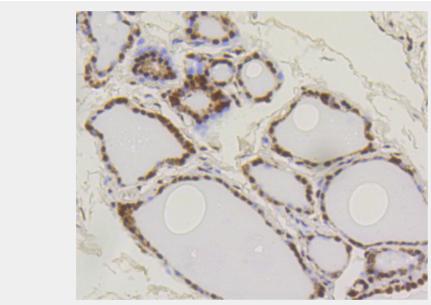




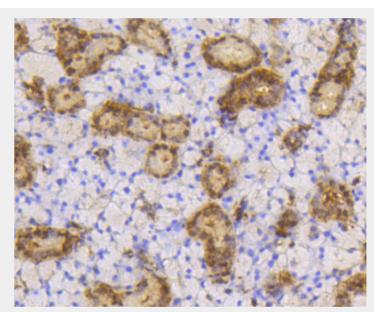
Immunohistochemistry of paraffin-embedded human mammary cancer using SUMO1 antibody at dilution of 1:100 (40x lens).



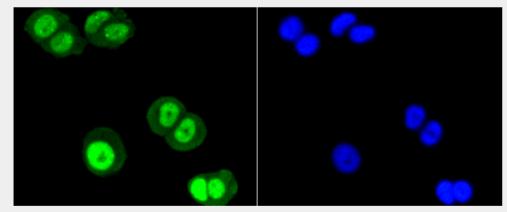
Immunohistochemistry of paraffin-embedded human tonsil using SUMO1 antibody at dilution of 1:100 (40x lens).



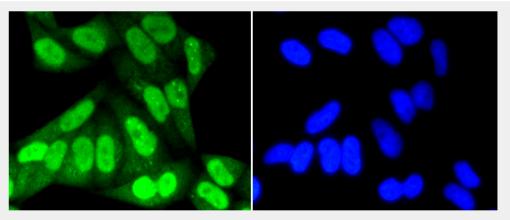
Immunohistochemistry of paraffin-embedded human thyroid using SUMO1 antibody at dilution of 1:100 (40x lens).



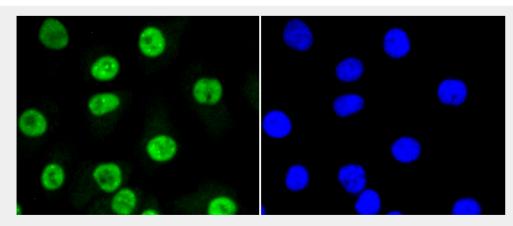
Immunohistochemistry of paraffin-embedded mouse thyroid using SUMO1 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF-7 cells using SUMO1 antibody.



Immunofluorescence analysis of HeLa cells using SUMO1 antibody.



Immunofluorescence analysis of A549 cells using SUMO1 antibody.



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