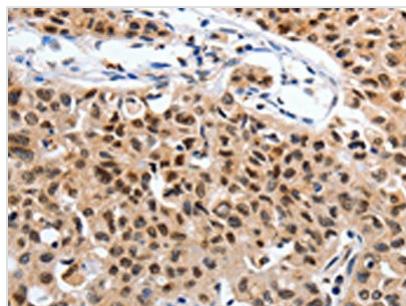
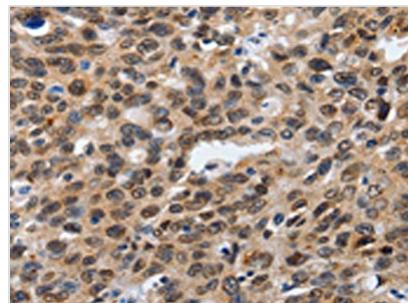


# SUMO1 Antibody

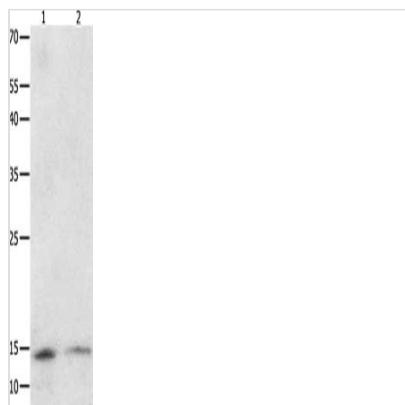
<b>Product Code</b>	CSB-PA314476
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P63165
<b>Immunogen</b>	Synthetic peptide of Human SUMO1
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Tested Applications</b>	ELISA, WB, IHC; ELISA: 1:1000-1:5000, WB: 1:100-1:500, IHC: 1:25-1:100
<b>Relevance</b>	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.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
<b>Purification Method</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	SUMO1

**Image**


The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using CSB-PA314476(SUMO1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CSB-PA314476(SUMO1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )



Gel: 10+12+15%SDS-PAGE, Lysate: 40  $\mu$ g,  
Lane 1-2: Jukart cells, A549 cells, Primary  
antibody: CSB-PA314476(SUMO1 Antibody) at  
dilution 1/350, Secondary antibody: Goat anti  
rabbit IgG at 1/8000 dilution, Exposure time: 10  
minutes