



# Rabbit Anti-Human SUMO1 monoclonal antibody, clone U.354.0 (CABT-L1615)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	SUMO1
<b>Immunogen</b>	Synthetic peptide from the amino terminus of human SUMO-1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Non-human primate, Rat
<b>Clone</b>	U.354.0
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, IP, WB
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	-20°C

## BACKGROUND

<b>Introduction</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
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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.

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<b>Keywords</b>	SUMO1;small ubiquitin-like modifier 1;DAP1;GMP1;PIC1;SMT3;UBL1;OFC10;SENP2;SMT3C
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">7341</a>
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<b>UniProt ID</b>	<a href="#">P63165</a>
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