

## Anti-Sumo 1/SUMO1 Antibody Picoband® Biotin Conjugated

Catalog Number: PA2220-Biotin

### About SUMO1

Small ubiquitin-related modifier 1 (SUMO1), also called SMT3C or PIC1 is a protein that in humans is encoded by the SUMO1 gene. This gene is mapped to 2q33.1. 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.

### Overview

Product Name	Anti-Sumo 1/SUMO1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P63165

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Sumo 1, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

## 1 Publications Citing This Product

---

1. PubMed ID: 26493771, The SUMO Protease SENP3 Orchestrates G2-M Transition and Spindle Assembly in Mouse Oocytes

Visit [bosterbio.com/anti-sumo-1-antibody-pa2220-boster.html](http://bosterbio.com/anti-sumo-1-antibody-pa2220-boster.html) to see all 1 publications.

## Submit a product review to Biocompare.com

---

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Sumo 1/SUMO1 Antibody - Biotin

For Research Use Only. Not for use in diagnostic procedures.