

## Product datasheet for **TA344402**

### Sumo 3 (SUMO3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SUMO3 antibody: synthetic peptide directed towards the middle region of human SUMO3. Synthetic peptide located within the following region: MRQIRFRFDGQPINETDTPAQLEMEDEDTIDVFQQQTGGVPESLAGHSF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	12 kDa
Gene Name:	small ubiquitin-like modifier 3
Database Link:	<a href="#">NP_008867</a> <a href="#">Entrez Gene 6612 Human</a> <a href="#">P55854</a>



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**Background:**

SUMO proteins, such as SUMO3, and ubiquitin (see MIM 191339) posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. SUMO proteins, such as SUMO3, and ubiquitin (see MIM 191339) posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability (Su and Li, 2002 [PubMed 12383504]). [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

SMT3A; Smt3B; SMT3H1; SUMO-3

**Note:**

Immunogen Sequence Homology: Human: 100%

**Protein Families:**

Druggable Genome

**Product images:**

WB Suggested Anti-SUMO3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: MCF7 cell lysate. SUMO3 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells