

## Rabbit anti-Human SUMO3 Polyclonal Antibody | anti-SUMO3 antibody

SUMO3 antibody - middle region

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA200796 | Rabbit | Human      | Immunohistochemistry, Western Blot |

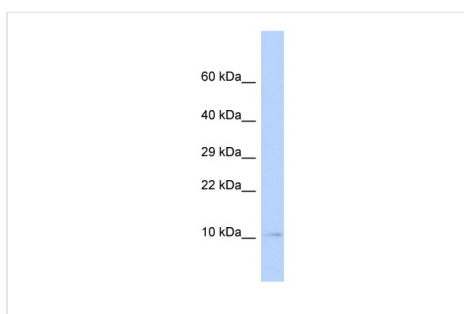
### PRODUCT SYNONYMS

SUMO3; Polyclonal Antibody; SUMO3 antibody - middle region; anti-SUMO3 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: MR QIRFRFDGQP INETDTPAQL EMEDEDTIDV FQQQTGGVPE SSLAGHSF                                                  |
| Sequence Length                                 | 103                                                                                                                                                   |
| Applicable Applications for anti-SUMO3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                        | Human: 100%                                                                                                                                           |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the middle region of human SUMO3                                                                |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

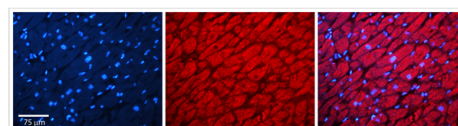
### IMAGES



#### WB (Western Blot)

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



#### IHC (Immunohistochemistry)

Rabbit Anti-SUMO3 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SUMO3 antibody | <p>This is a rabbit polyclonal antibody against SUMO3. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: 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.</p> |
| Product Categories/Family for anti-SUMO3 antibody   | Polyclonal; Chromatin & Nuclear Signaling; Various; Apoptosis; E3 & Ubiquitin; Sumoylation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 48928058                                     |
| NCBI GeneID                      | 6612                                         |
| NCBI Accession #                 | NP_008867                                    |
| NCBI GenBank Nucleotide #        | NM_006936                                    |
| UniProt Accession #              | P55854                                       |
| Molecular Weight                 | 12kDa                                        |
| NCBI Official Full Name          | small ubiquitin-related modifier 3 isoform 1 |
| NCBI Official Synonym Full Names | small ubiquitin like modifier 3              |
| NCBI Official Symbol             | SUMO3                                        |
| NCBI Official Synonym Symbols    | SMT3A; Smt3B; SMT3H1; SUMO-3                 |
| NCBI Protein Information         | small ubiquitin-related modifier 3           |
| UniProt Protein Name             | Small ubiquitin-related modifier 3           |
| UniProt Gene Name                | <b>SUMO3</b>                                 |
| UniProt Synonym Gene Names       | SUMO-3Curated                                |
| UniProt Entry Name               | SUMO3_HUMAN                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sumo3-antibody-immunohistochemistry-western-blot-elisa/200796>