

## Goat Sirtuin 3 Polyclonal Antibody | anti-Sirt3 antibody

Goat anti-Sirtuin 3 (mouse) Antibody

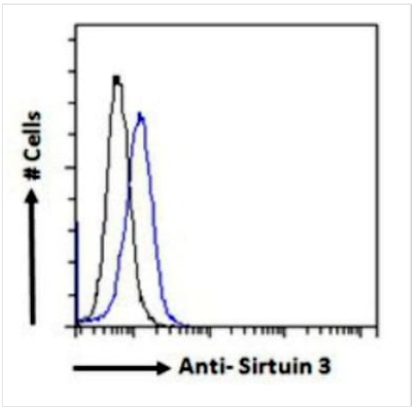
| CATALOG # | HOST | REACTIVITY                                                               | APPLICATIONS        |
|-----------|------|--------------------------------------------------------------------------|---------------------|
| AAA61565  | Goat | Tested: Mouse; Expected from sequence similarity: Human, Mouse, Rat, Pig | Western Blot, ELISA |

### PRODUCT SYNONYMS

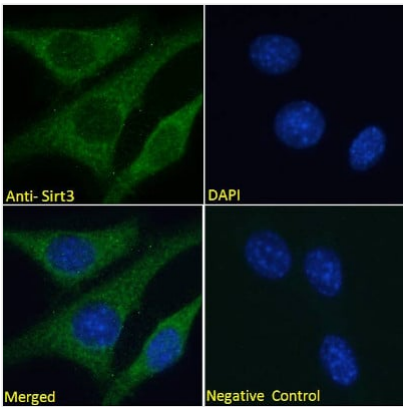
Sirtuin 3; Polyclonal Antibody; Goat anti-Sirtuin 3 (mouse) Antibody; Sirt3; sirtuin 3; sirtuin 3 (silent mating type information regulation 2; homolog) 3; 2310003L23Rik; AI848213; Sir2l3; NAD-dependent deacetylase sirtuin-3; OTTMUSP00000027441; OTTMUSP00000027444; OTTMUSP00000027445; SIR2-like protein 3; anti-Sirt3 antibody

### PRODUCT SPECIFICATIONS

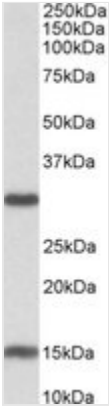
|                                                 |                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                  |
| Reactivity                                      | Tested: Mouse; Expected from sequence similarity: Human, Mouse, Rat, Pig                                                              |
| Clonality                                       | Polyclonal                                                                                                                            |
| Purity/Purification                             | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                     | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                   | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                        | RASGIPASKL VEAH                                                                                                                       |
| Sequence Length                                 | 257                                                                                                                                   |
| Applicable Applications for anti-Sirt3 antibody | WB (Western Blot), ELISA (Peptide ELISA)                                                                                              |
| Immunogen                                       | Peptide with sequence C-RASGIPASKLVEAH, from the internal region of the protein sequence according to NP_071878.2; NP_001171275.1.    |
| Preparation and Storage                         | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |



**FCM/FACS (Flow Cytometry)**  
Flow cytometric analysis of paraformaldehyde fixed NIH3T3 cells (blue line), permeabilized with 0.5% Triton, showing a low level of staining. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



**IF (Immunofluorescence)**  
Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



**WB (Western Blot)**  
0.3ug/ml) staining of Mouse Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 188035865                                             |
| NCBI GeneID                      | 23410                                                 |
| NCBI Accession #                 | NP_071878.2; NP_001171275.1                           |
| NCBI GenBank Nucleotide #        | NM_022433.2                                           |
| NCBI Official Full Name          | NAD-dependent protein deacetylase sirtuin-3 isoform 1 |
| NCBI Official Synonym Full Names | sirtuin 3                                             |
| NCBI Official Symbol             | Sirt3                                                 |
| NCBI Official Synonym Symbols    | Sir2l3; AI848213; 2310003L23Rik                       |
| NCBI Protein Information         | NAD-dependent protein deacetylase sirtuin-3           |
| UniProt Protein Name             | NAD-dependent protein deacetylase sirtuin-3           |
| UniProt Gene Name                | Sirt3                                                 |
| UniProt Synonym Gene Names       | Sir2l3; mSIR2L3                                       |

**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/sirtuin-3-antibody-western-blot-peptide-elisa-elisa/61565>