

## Rabbit Sirtuin 1 (SIRT1) Antibody | anti-SIRT1 antibody

Polyclonal Antibody to Sirtuin 1 (SIRT1)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                 |
|-----------|--------|-------------------|------------------------------------------------------------------------------|
| AAA133567 | Rabbit | Human, Mouse, Rat | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

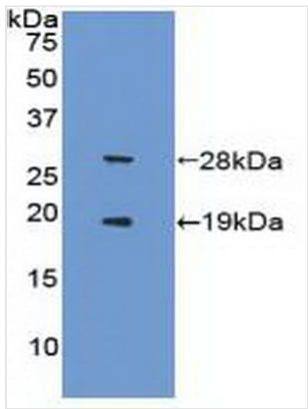
### PRODUCT SYNONYMS

Sirtuin 1 (SIRT1); Polyclonal Antibody to Sirtuin 1 (SIRT1); anti-SIRT1 antibody

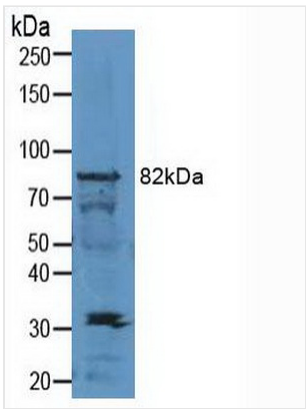
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                             | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format                                     | Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applicable Applications for anti-SIRT1 antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                             |
| Organism Species                                | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Source                                          | Polyclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Traits                                          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen                                       | Recombinant SIRT1 (Glu244~Ala498) expressed in E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Cross Reactivity                                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                         | <p>Storage: Avoid repeated freeze/thaw cycles.<br/>Store at 4°C for frequent use.<br/>Aliquot and store at -20°C for 24 months.</p> <p>Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

IMAGES



WB (Western Blot)  
Western Blot: Sample: Recombinant FCN1, Human.



WB (Western Blot)  
Western Blot: Sample: Mouse Testis Tissue.

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 215982798                                             |
| NCBI GeneID                      | 23411                                                 |
| NCBI Accession #                 | NP_001135970.1                                        |
| NCBI GenBank Nucleotide #        | NM_001142498.1                                        |
| UniProt Accession #              | Q96EB6; Q2XNF6; Q5JVVQ0; Q9GZR9; Q9Y6F0               |
| NCBI Official Full Name          | NAD-dependent protein deacetylase sirtuin-1 isoform b |
| NCBI Official Synonym Full Names | sirtuin 1                                             |
| NCBI Official Symbol             | SIRT1                                                 |
| NCBI Official Synonym Symbols    | SIR2; SIR2L1; SIR2alpha                               |
| NCBI Protein Information         | NAD-dependent protein deacetylase sirtuin-1           |
| UniProt Protein Name             | NAD-dependent protein deacetylase sirtuin-1           |
| UniProt Gene Name                | SIRT1                                                 |
| UniProt Synonym Gene Names       | SIR2L1; hSIRT1; hSIR2; 75SirT1                        |

**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/rabbit-human-mouse-rat-antibody/sirtuin-1-sirt1/133567>