

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

DES Antibody

|                               |                       |                            |                                                                        |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|
| CATALOG #<br><b>AAA232768</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|

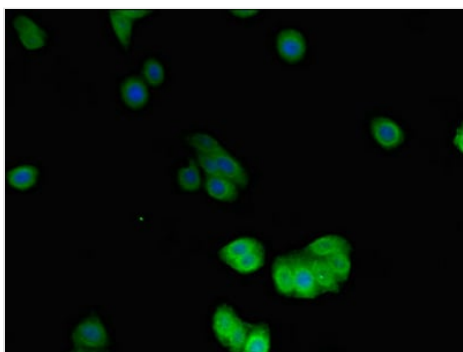
### PRODUCT SYNONYMS

DES; Polyclonal Antibody; DES Antibody; Desmin; anti-DES antibody

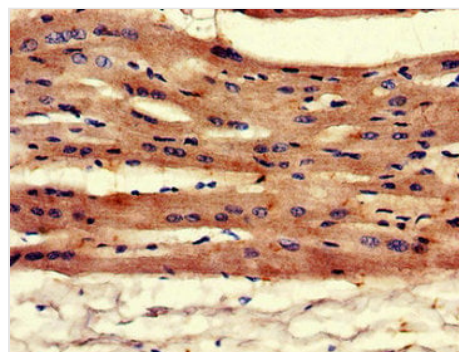
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                           |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                    |
| Reactivity                                    | Human                                                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                |
| Isotype                                       | IgG                                                                                                                       |
| Purity/Purification                           | >95%, Protein G purified                                                                                                  |
| Form/Format                                   | Liquid                                                                                                                    |
| Sequence Length                               | 470                                                                                                                       |
| Applicable Applications for anti-DES antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                                |
| Immunogen                                     | Recombinant Human Desmin protein (2-86AA)                                                                                 |
| Preservative                                  | 0.03% Proclin 300                                                                                                         |
| Constituents                                  | 50% Glycerol, 0.01M PBS, PH 7.4                                                                                           |
| Conjugation                                   | Non-conjugated                                                                                                            |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14026 / sc-34200 / sc-34201 / sc-365130 / sc-7559 |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.            |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescent analysis of HepG2 cells using AAA232768 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human heart tissue using AAA232768 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DES antibody | Desmin are class-III intermediate filaments found in muscle cells. In adult striated muscle they form a fibrous network connecting myofibrils to each other and to the plasma membrane from the periphery of the Z-line structures (PubMed: 25394388, PubMed: 24200904, PubMed: 26724190). |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 55749932                                                                                       |
| NCBI GeneID                      | 1674                                                                                           |
| NCBI Accession #                 | NP_001918.3                                                                                    |
| NCBI GenBank Nucleotide #        | NM_001927.3                                                                                    |
| UniProt Accession #              | P17661; Q15787; Q549R7; Q549R8; Q549R9; Q8IZR1; Q8IZR6; Q8NES2; Q8NEU6; Q8TAC4; Q8TCX2; Q8TD99 |
| Molecular Weight                 | 53,536 Da                                                                                      |
| NCBI Official Full Name          | desmin                                                                                         |
| NCBI Official Synonym Full Names | desmin                                                                                         |
| NCBI Official Symbol             | DES                                                                                            |
| NCBI Official Synonym Symbols    | CSM1; CSM2; LGMD2R                                                                             |
| NCBI Protein Information         | desmin                                                                                         |
| UniProt Protein Name             | Desmin                                                                                         |
| UniProt Gene Name                | DES                                                                                            |
| UniProt Entry Name               | DESM_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://www.aaabiotech.com/polyclonal/des-antibody-immunofluorescence-immunohistochemistry-elisa/232768>