

## Rabbit Sperm Specific Antigen 2 Polyclonal Antibody | anti-SSFA2 antibody

Polyclonal Antibody to Sperm Specific Antigen 2 (SSFA2)

|                               |                       |                                        |                                                                                       |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA142419</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------------------------------------|

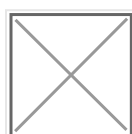
### PRODUCT SYNONYMS

Sperm Specific Antigen 2; Polyclonal Antibody; Polyclonal Antibody to Sperm Specific Antigen 2 (SSFA2); anti-SSFA2 antibody

### PRODUCT SPECIFICATIONS

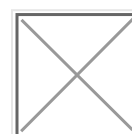
|                                                 |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against SSFA2. It has been selected for its ability to recognize SSFA2 in immunohistochemical staining and western blotting.                                                                                                                                                                                                            |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                     |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence                                        | Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-SNKETDPP PPLTRNTAN RLMKTL SKLN<br>LCVDKTEKGE SSSPSPSAEK GKILNVSVIE ESGNKNDQKS QKIMKKKESS SMLATVKEEV SGSSAAVTEN<br>ADSDRISDEA NSNFNQGTEN EQSKETQSHE SKLGEESGIV ESKLDSDFNI SSHSELENS ELKSVHISTP<br>EKEPCAPLTI PSIRNIMTQQ KDSFEME |
| Applicable Applications for anti-SSFA2 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                             |
| Fragment                                        | SSFA2 (Ser276~Gly510)                                                                                                                                                                                                                                                                                                                                                                       |
| Organism Species                                | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                        |
| Cross Reactivity                                | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                       | Recombinant SSFA2 (Ser276~Gly510) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                     |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                               |

### IMAGES



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded Liver tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**

Western Blot: Sample: Mouse Liver lysate; Primary Ab: 3ug/ml Rabbit Anti-Human SSFA2  
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 194363771                                                                      |
| NCBI GeneID                      | 6744                                                                           |
| NCBI Accession #                 | NP_001123917.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001130445.2                                                                 |
| UniProt Accession #              | P28290; Q68DA6; Q7Z7L2; Q8N1L3; Q8N263; Q8N7H2; Q8NEN5; Q96E36; Q96PW1; A8K6T0 |
| Molecular Weight                 | 137,860 Da                                                                     |
| NCBI Official Full Name          | sperm-specific antigen 2 isoform 1                                             |
| NCBI Official Synonym Full Names | sperm specific antigen 2                                                       |
| NCBI Official Symbol             | SSFA2                                                                          |
| NCBI Official Synonym Symbols    | CS1; CS-1; KRAP; SPAG13                                                        |
| NCBI Protein Information         | sperm-specific antigen 2                                                       |
| UniProt Protein Name             | Sperm-specific antigen 2                                                       |
| UniProt Gene Name                | SSFA2                                                                          |
| UniProt Synonym Gene Names       | CS1; KIAA1927; KRAP; CS-1                                                      |

**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/sperm-specific-antigen-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142419>