

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

LSS Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA232005</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

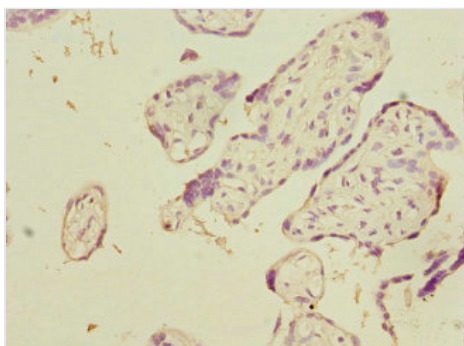
### PRODUCT SYNONYMS

LSS; Polyclonal Antibody; LSS Antibody; Lanosterol synthase; 2; 3-epoxysqualene--lanosterol cyclase; Oxidosqualene--lanosterol cyclase; OSC; hOSC; anti-LSS antibody

### PRODUCT SPECIFICATIONS

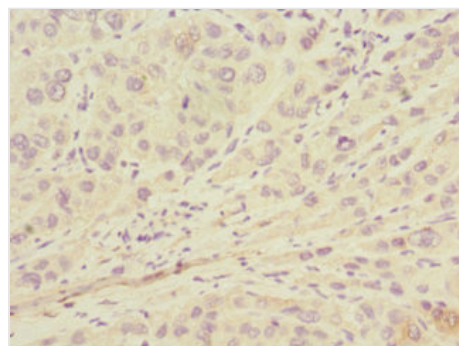
|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                     |
| Isotype                                       | IgG                                                                                                            |
| Purity/Purification                           | Antigen Affinity Purified                                                                                      |
| Form/Format                                   | Liquid                                                                                                         |
| Sequence Length                               | 732                                                                                                            |
| Applicable Applications for anti-LSS antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Species                                       | Human                                                                                                          |
| Immunogen                                     | Recombinant human Lanosterol synthase protein (N-300AA)                                                        |
| Conjugate                                     | Non-conjugated                                                                                                 |
| Buffer                                        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292784 / sc-83294 / sc-83295           |
| 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



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA232005 at dilution 1:100



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver cancer using AAA232005 at dilution 1:100

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-LSS antibody | Catalyzes the cyclization of (S)-2,3 oxidosqualene to lanosterol, a reaction that forms the sterol nucleus. Through the production of lanosterol may regulate lens protein aggregation and increase transparency. |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 47933397                                                   |
| NCBI GeneID                      | 4047                                                       |
| NCBI Accession #                 | NP_001001438.1                                             |
| NCBI GenBank Nucleotide #        | NM_001001438.2                                             |
| UniProt Accession #              | P48449; Q8IYL6; Q9UEZ1; B4DJZ9; D3DSN0; E9PEI9; G5E9Q9     |
| Molecular Weight                 | 82,199 Da                                                  |
| NCBI Official Full Name          | lanosterol synthase isoform 1                              |
| NCBI Official Synonym Full Names | lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) |
| NCBI Official Symbol             | LSS                                                        |
| NCBI Official Synonym Symbols    | OSC; CTRCT44                                               |
| NCBI Protein Information         | lanosterol synthase                                        |
| UniProt Protein Name             | Lanosterol synthase                                        |
| UniProt Gene Name                | LSS                                                        |
| UniProt Synonym Gene Names       | OSC; OSC; hOSC                                             |
| UniProt Entry Name               | ERG7_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/lss-antibody-immunohistochemistry-elisa/232005>