

## Rabbit HSL Polyclonal Antibody | anti-HSL antibody

Phospho-HSL (Ser563) Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA321334</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

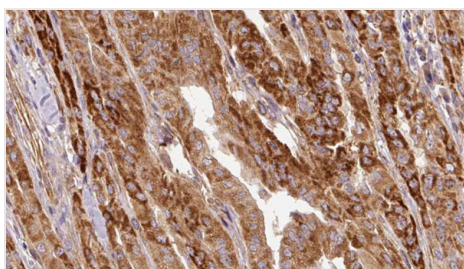
### PRODUCT SYNONYMS

HSL; Polyclonal Antibody; Phospho-HSL (Ser563) Antibody; Hormone sensitive lipase; Hormone sensitive lipase testicular isoform; Hormone-sensitive lipase; LHS; Lipase hormone sensitive; LIPE; LIPS\_HUMAN; anti-HSL antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                         |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                              |
| Clonality                                     | Polyclonal                                                                                                                                     |
| Specificity                                   | Phospho-HSL (Ser563) Antibody detects endogenous levelsof HSL only when phosphorylated at Ser853, which sitehistorically referenced as Ser563. |
| Purity/Purification                           | Peptide affinity purification                                                                                                                  |
| Form/Format                                   | IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol                                                      |
| Concentration                                 | 1mg/ml (varies by lot)                                                                                                                         |
| Applicable Applications for anti-HSL antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                  |
| Immunogen                                     | A synthesized peptide derived from human HSL around thephosphorylation site of Ser563.                                                         |
| Preparation and Storage                       | Store at -20°C. Stable for 12 months from date of receipt.                                                                                     |

### IMAGES



#### IHC (Immunohistochemistry)

AAA321334 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                               |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HSL antibody | In adipose tissue and heart, it primarily hydrolyzes stored triglycerides to free fatty acids, while in steroidogenic tissues, it principally converts cholesteryl esters to free cholesterol for steroid hormone production. |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 21328446                         |
| NCBI GeneID                      | 3991                             |
| NCBI Accession #                 | NP_005348.2                      |
| NCBI GenBank Nucleotide #        | NM_005357.3                      |
| UniProt Accession #              | Q05469; Q3LRT2; Q6NSL7           |
| Molecular Weight                 | 81, 83kDa                        |
| NCBI Official Full Name          | hormone-sensitive lipase         |
| NCBI Official Synonym Full Names | lipase E, hormone sensitive type |
| NCBI Official Symbol             | LIPE                             |
| NCBI Official Synonym Symbols    | HSL; LHS; AOMS4; FPLD6           |
| NCBI Protein Information         | hormone-sensitive lipase         |
| UniProt Protein Name             | Hormone-sensitive lipase         |
| UniProt Gene Name                | LIPE                             |
| UniProt Synonym Gene Names       | HSL                              |

**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/hsl-antibody-immunohistochemistry-western-blot-elisa/321334>