

Datasheet for ABIN5004899

**anti-LIPE antibody (pSer863) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | LIPE                                                                                                                           |
| Binding Specificity: | pSer863                                                                                                                        |
| Reactivity:          | Mouse, Rat                                                                                                                     |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This LIPE antibody is conjugated to AbBy Fluor® 680                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic phosphopeptide derived from rat HSL around the phosphorylation site of Ser863 |
| Isotype:              | IgG                                                                                                    |
| Cross-Reactivity:     | Mouse, Rat                                                                                             |
| Predicted Reactivity: | Human                                                                                                  |
| Purification:         | Purified by Protein A.                                                                                 |

## Target Details

|         |      |
|---------|------|
| Target: | LIPE |
|---------|------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | HSL ( <a href="#">LIPE Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Background:       | <p>Synonyms: Hormone sensitive lipase, Hormone sensitive lipase testicular isoform, HSL, LHS, Lipase hormone sensitive, LIPE.</p> <p>Background: HSL/LIPE is found in adipose tissue and heart, where it primarily hydrolyzes stored triglycerides to free fatty acids. It is also found in steroidogenic tissues, where it principally converts cholesteryl esters to free cholesterol for steroid hormone production. There are two named isoforms.</p> |
| Gene ID:          | 25330                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pathways:         | <a href="#">AMPK Signaling</a> , <a href="#">Monocarboxylic Acid Catabolic Process</a> , <a href="#">Lipid Metabolism</a>                                                                                                                                                                                                                                                                                                                                 |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |