

# Phospho-HSL-S853 Rabbit mAb

Catalog No.: AP1151 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

83kDa

### Calculated MW

117kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC1657

## Background

The protein encoded by this gene has a long and a short form, generated by use of alternative translational start codons. The long form is expressed in steroidogenic tissues such as testis, where it converts cholesteryl esters to free cholesterol for steroid hormone production. The short form is expressed in adipose tissue, among others, where it hydrolyzes stored triglycerides to free fatty acids.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3991

### Swiss Prot

Q05469

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

HSL; LHS; REH; AOMS4; FPLD6; Phospho-HSL-S853

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

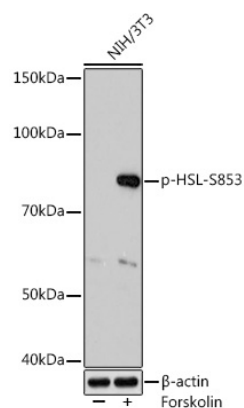
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from NIH/3T3 cells, using Phospho-HSL-S853 Rabbit mAb (AP1151) at 1:1000 dilution. NIH/3T3 cells were treated with Forskolin (30  $\mu$ M) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.