

Phospho-HSL-S563 Rabbit pAb

Catalog No.: AP0851 **6 Publications**

Basic Information

Observed MW

83kDa

Calculated MW

117kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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

A synthetic phosphorylated peptide around S563 of rat HSL (XP_006228456.1).

Synonyms

HSL; LHS; REH; AOMS4; FPLD6; Phospho-HSL-S563

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

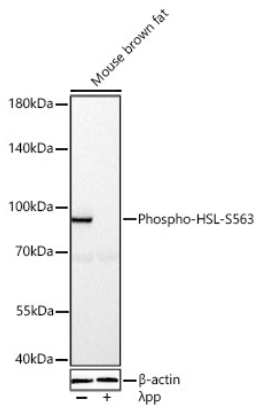
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse brown fat using Phospho-HSL-S563 Rabbit pAb (AP0851) at 1:5000 dilution incubated overnight at 4°C. Mouse brown fat were treated by λ -PP mixed solution (1 μ l) at 30°C for 30 minutes.

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

Lysates/proteins: 30 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.