Phospho-HSL-S563 Rabbit pAb

Catalog NO.: AP0851SP **6 Publications**

Basic Information

Observed MW
83 kDa

Calculated MW
117 kDa/84 kDa

Category
Phosphorylated Antibodies

Applications
WB, ELISA

Cross-Reactivity
Mouse

Conjugation
Unconjugated

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 1:1000 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (⩾1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

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

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

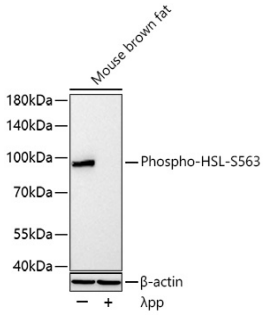
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of lysates from Mouse brown fat using Phospho-HSL-S563 Rabbit pAb (AP0851SP) at 1:1000 dilution incubated overnight at 4°C. Mouse brown fat cells were treated with λpp (100U) at 30°C for 1 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.

For research use only. Not for therapeutic or diagnostic purposes.

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