

Datasheet for ABIN7268278
anti-LIPE antibody (pSer563)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	LIPE
Binding Specificity:	pSer563
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIPE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-HSL-S563 Rabbit pAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding S853 of human HSL (NP_005348.2 ,equivalent to S563 of rat HSL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	LIPE
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Target Details

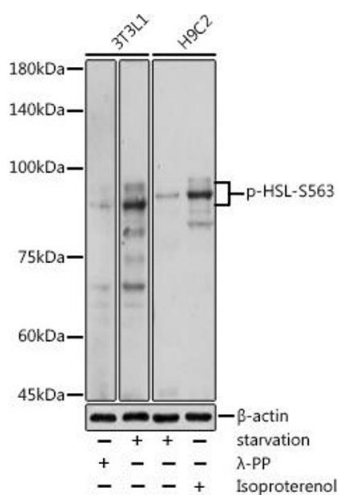
Alternative Name:	LIPE (LIPE Products)
Background:	<p>The protein encoded by this gene has a long and a short form, generated by use of alternative translational start codons. The long form is expressed in steroidogenic tissues such as testis, where it converts cholesteryl esters to free cholesterol for steroid hormone production. The short form is expressed in adipose tissue, among others, where it hydrolyzes stored triglycerides to free fatty acids.,LIPE,AOMS4,FPLD6,HSL,LHS,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cholesterol Metabolism,Lipases,AMPK Signaling Pathway,Insulin Receptor Signaling Pathway,Cardiovascular,Lipids,Protein phosphorylation,LIPE</p>
Molecular Weight:	84kDa/116kDa
Gene ID:	3991
UniProt:	Q05469
Pathways:	AMPK Signaling , Monocarboxylic Acid Catabolic Process , Lipid Metabolism

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Phospho-HSL-S563 antibody (ABIN7268278) at 1:1000 dilution. 3T3L1 cells were treated by λ-PP mixed solution (1 μL) at 30 °C for 30 minutes. H9C2 cells were treated with Isoproterenol (10 μM for 20 min) at 37 °C. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.