

Datasheet for ABIN7138651
anti-LIPE antibody (pSer552)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	LIPE
Binding Specificity:	pSer552
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIPE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 552(V-L-S(p)-S-L) derived from Human HSL.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	LIPE
Alternative Name:	LIPE (LIPE Products)

Target Details

Background:	<p>Background: In adipose tissue and heart, it primarily hydrolyzes stored triglycerides to free fatty acids, while in steroidogenic tissues, it principally converts cholesteryl esters to free cholesterol for steroid hormone production.</p> <p>Aliases: Hormone sensitive lipase antibody, Hormone sensitive lipase testicular isoform antibody, Hormone-sensitive lipase antibody, HSL antibody, LHS antibody, Lipase hormone sensitive antibody, LIPE antibody, LIPS_HUMAN antibody</p>
UniProt:	Q05469
Pathways:	AMPK Signaling , Monocarboxylic Acid Catabolic Process , Lipid Metabolism

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Western Blotting

Image 1. Western blot analysis of extracts from K562 cells using HSL (Phospho-Ser552) Antibody. The lane on the left is treated with the antigen-specific peptide.

