## antibodies -online.com





## anti-LIPE antibody (pSer552)



Image

Alternative Name:



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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 chromatogramphy usi
Target Details	
Target:	LIPE

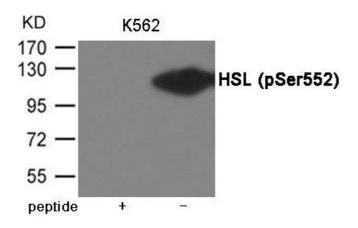
LIPE (LIPE Products)

## **Target Details**

Storage Comment:

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Background:	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.  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
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 Mg2+ and Ca2+), 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

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.