

Datasheet for ABIN5959575
anti-LIPE antibody (Ser552)



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1 Image

Overview

Quantity:	200 µL
Target:	LIPE
Binding Specificity:	Ser552
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIPE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthesized peptide derived from human HSL around the non-phosphorylation site of Ser552.
Isotype:	IgG
Specificity:	LIPE,Hormone-sensitive lipase,HSL
Purification:	Affinity purification

Target Details

Target:	LIPE
Alternative Name:	HSL (LIPE Products)
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,

Target Details

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.

Molecular Weight: 117kDa

Gene ID: 3991

UniProt: [Q05469](#)

Pathways: [AMPK Signaling](#), [Monocarboxylic Acid Catabolic Process](#), [Lipid Metabolism](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:100-1:300, ELISA 1:5000

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

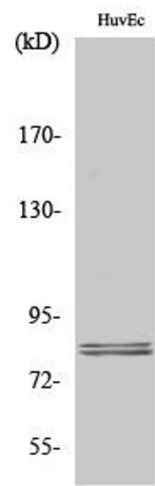
Buffer: PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4

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.