

Datasheet for ABIN7215350

anti-LIPE antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	LIPE
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

Purpose:	HSL Polyclonal Antibody
Immunogen:	Synthesized peptide derived from human HSL around the non-phosphorylation site of S552
Isotype:	IgG
Specificity:	HSL Polyclonal Antibody detects endogenous levels of HSL protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	LIPE
Alternative Name:	HSL (LIPE Products)
Background:	Rabbit Anti-HSL Polyclonal Antibody,LIPE, Hormone-sensitive lipase, HSL,Hormone-sensitive

Target Details

lipase by LIPE 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.,Hormone-sensitive lipase

Molecular Weight: observed band 120kDa

Gene ID: 3991

UniProt: [Q05469](#)

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

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:5000). Not yet tested in other applications.

Comment: Primary Antibody

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

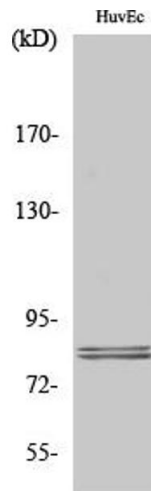
Buffer: PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.

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: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot analysis of various cells using HSL Polyclonal Antibody diluted at 1:1000.