



LIPE blocking peptide (CDBP5682)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 cholesterol 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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	LIPE lipase, hormone-sensitive [Homo sapiens (human)]
Official Symbol	LIPE
Synonyms	LIPE; lipase, hormone-sensitive; HSL; LHS; hormone-sensitive lipase; hormone-sensitive lipase testicular isoform
Entrez Gene ID	3991
mRNA Refseq	NM_005357

Protein Refseq

[NP_005348](#)

UniProt ID

Q05469

Pathway

AMPK signaling; AMPK signaling pathway; Adipogenesis; Fatty Acid Beta Oxidation; Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis; Insulin Signaling; Insulin signaling pathway; Lipid digestion

Function

hormone-sensitive lipase activity; protein binding; protein kinase binding; triglyceride lipase activity