

Rabbit anti-Human LIPE Polyclonal Antibody | anti-LIPE antibody

LIPE Antibody (C-term)

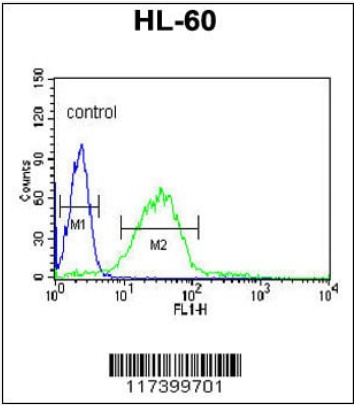
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283986	Rabbit	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

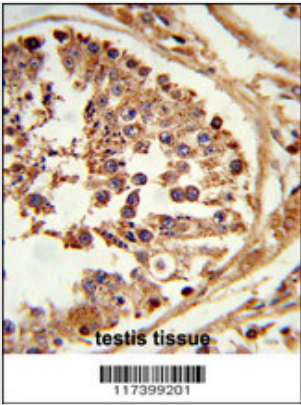
LIPE; Polyclonal Antibody; LIPE Antibody (C-term); Hormone-sensitive lipase; HSL; anti-LIPE antibody

PRODUCT SPECIFICATIONS

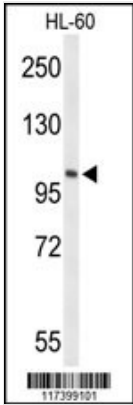
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LIPE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 822-849 amino acids from the C-terminal region of human LIPE.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	822-849
Sequence Length	1076
Applicable Applications for anti-LIPE antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
LIPE Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with LIPE Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of LIPE Antibody (C-term) in HL-60 cell line lysates (35ug/lane). LIPE (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-LIPE antibody	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.
Product Categories/Family for anti-LIPE antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Bezaire, V., et al. FEBS Lett. 583(18):3045-3049(2009) Chen, H.H., et al. Am. J. Clin. Nutr. 90(2):255-262(2009) Kuzmin, A., et al. Biol. Reprod. 81(2):319-326(2009) Bezaire, V., et al. J. Biol. Chem. 284(27):18282-18291(2009) Drenos, F., et al. Hum. Mol. Genet. 18(12):2305-2316(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21328446
NCBI GeneID	3991
NCBI Accession #	NP_005348.2

NCBI GenBank Nucleotide #	NM_005357.3
UniProt Accession #	Q05469; Q3LRT2; Q6NSL7
Molecular Weight	116598
NCBI Official Full Name	hormone-sensitive lipase
NCBI Official Synonym Full Names	lipase, hormone-sensitive
NCBI Official Symbol	LIPE
NCBI Official Synonym Symbols	HSL; LHS; AOMS4; FPLD6
NCBI Protein Information	hormone-sensitive lipase
UniProt Protein Name	Hormone-sensitive lipase
UniProt Gene Name	LIPE
UniProt Synonym Gene Names	HSL
UniProt Entry Name	LIPS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lipe-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/283986>