

Rabbit Lipe Polyclonal Antibody | anti-Lipe antibody

Lipe Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305218	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

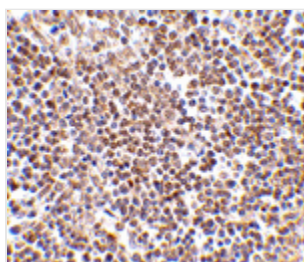
PRODUCT SYNONYMS

Lipe; Polyclonal Antibody; Lipe Antibody; hormone-sensitive lipase; HSL; anti-Lipe antibody

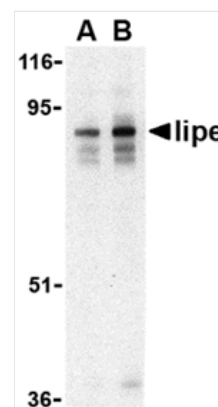
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	1076
Applicable Applications for anti-Lipe antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the carboxy terminus of human lipe.
Target Name	Lipe
Preparation and Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of lipe in human lymph node tissue with lipe antibody at 2.5 ug/mL.



WB (Western Blot)
Western blot analysis of lipe in human lymph node tissue lysate with lipe antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Lipe antibody	Although initially described as an adipocyte-specific triacylglycerol lipase, lipe (also known as hormone-specific lipase or HSL) is expressed in multiple tissues and cell lines. It plays multiple roles in lipid metabolism, including hormone-stimulated lipolysis in adipose tissue and the hydrolysis of cholesterol esters. Lipe is expressed as 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. Recently, it was observed that the lack of lipe in genetically obese leptin-null mice inhibited obesity and adipogenesis, suggesting that lipe plays a major role in adipocyte proliferation.
Product Categories/Family for anti-Lipe antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	74418834
NCBI GeneID	3991
NCBI Official Full Name	lipase, hormone-sensitive
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lipe-antibody-immunohistochemistry-western-blot-elisa/305218>