

Rabbit anti-Human Leptin (LEP) Polyclonal Antibody | anti-LEP antibody

Leptin (LEP) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286156	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

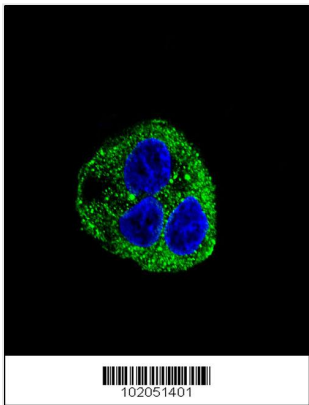
PRODUCT SYNONYMS

Leptin (LEP); Polyclonal Antibody; Leptin (LEP) Antibody (C-term); Leptin; Obese protein; Obesity factor; LEP; OB; OBS; anti-LEP antibody

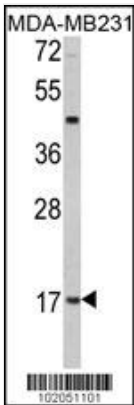
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Leptin (LEP) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-166 amino acids from the C-terminal region of human Leptin (LEP).
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	134-166
Sequence Length	167
Applicable Applications for anti-LEP antibody	IF (Immunofluorescence), 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.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of Leptin (LEP) Antibody (C-term) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
Western blot analysis of hLep-R149 in MDA-MB231 cell line lysates (35ug/lane). LEP (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-LEP antibody	Leptin (LEP) is an adipocyte-secreted protein that regulates body fat and endocrine functions. Leptin is similar to the mouse obesity protein encoded by the obese gene (ob). In mouse studies, mutations in this gene are linked to severe and morbid obesity.
Product Categories/Family for anti-LEP antibody	Cardiovascular; Metabolism; Signal transduction
References	Tank, J., et al., J. Clin. Endocrinol. Metab. 88(10):4955-4959 (2003). Silha, J.V., et al., Eur. J. Endocrinol. 149(4):331-335 (2003). Kazumi, T., et al., Metab. Clin. Exp. 52(9):1113-1116 (2003). Mullington, J.M., et al., J. Neuroendocrinol. 15(9):851-854 (2003). Catalano, S., et al., J. Biol. Chem. 278(31):28668-28676 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557715
NCBI GeneID	3952
NCBI Accession #	NP_000221.1
NCBI GenBank Nucleotide #	NM_000230.2
UniProt Accession #	P41159; O15158; Q56A88
Molecular Weight	18641
NCBI Official Full Name	leptin
NCBI Official Synonym Full Names	leptin
NCBI Official Symbol	LEP
NCBI Official Synonym Symbols	OB; OBS; LEPD
NCBI Protein Information	leptin
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB; OBS

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/leptin-lep-antibody-immunofluorescence-western-blot-elisa/286156>