

CERTIFICATE OF ANALYSIS

Catalog #: K4A361R **Lot #:** 1F17505

Description: Rabbit anti Leptin Amino Term.
Rabbit Antibody to Human Leptin Amino Terminal (Residues 1-24)

Specificity: Specific for the amino terminal of human Leptin.
Cross-Reactivity:
Leptin (Human) 100%
Leptin (1-24) 100%
Leptin (Rat) ~90%
Epidermal Growth Factor (Human) 0%
Insulin (Human) 0%
Insulin-like Growth Factor 1 (Human) 0%
Insulin-like Growth Factor 2 (Rat) 0%
Transforming Growth Factor-Alpha (Human) 0%

Host Animal: Rabbit

Immunogen: Peptide analogue of the amino terminal of human Leptin (1-24) covalently attached to a carrier protein.

Format: Neat, Lyophilized
Reconstitute with 0.1 mL Phosphate Buffered Saline containing 10 mg/mL BSA for the equivalent of whole antisera or with additional buffer for more dilute antisera.

Purification: Not Applicable

Concentration: Not Applicable

Buffer: Not Applicable

Preservative: None

Applications: This antiserum has been characterized by Western Blot, ELISA and cell staining. This IgG fraction has been found to stain specifically human adipocytes at a 1:500 dilution. The ability of this antibody to bind to leptin in adipocytes was examined in cells fixed in neutral buffered formalin. The fixed cells were incubated for 20 minutes with 4% normal goat serum, reacted for 60 minutes with the diluted rabbit antibody, and then with FITC-conjugated goat anti-rabbit IgG. The immunofluorescent staining pattern was observed using epifluorescence microscopy. Western immunoblots result in a single band at ~16kDa at a dilution of 1:1,000. Suitable for use in IHC using frozen sections. Paraffin-embedded sections have not been tested.

Storage: Lyophilized: Store at 2-8°C (preferably in a desiccator).
Reconstituted: Aliquot and store at -20°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



08 JUL 2020

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