

Datasheet for ABIN7249646

**anti-Leptin antibody**

## 4 Images

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## Overview

Quantity:	200 µL
Target:	Leptin (LEP)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Leptin antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse Leptin
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	Leptin (LEP)
Alternative Name:	LEP ( <a href="#">LEP Products</a> )
Background:	This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. The encoded protein has been shown to also be a docking protein or receptor for Bacillus anthracis toxin, the causative agent of the disease, anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxin, to

## Target Details

this receptor protein mediates delivery of toxin components to the cytosol of cells. Once inside the cell, the other two components of anthrax toxin, edema factor (EF) and lethal factor (LF) disrupt normal cellular processes. Three alternatively spliced variants that encode different protein isoforms have been described.

UniProt: [P41159](#), [P41160](#), [P50596](#)

Pathways: [JAK-STAT Signaling](#), [AMPK Signaling](#), [Hormone Transport](#), [Peptide Hormone Metabolism](#), [Hormone Activity](#), [Negative Regulation of Hormone Secretion](#), [Regulation of Carbohydrate Metabolic Process](#), [Feeding Behaviour](#), [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: IHC 1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 210 µg/mL

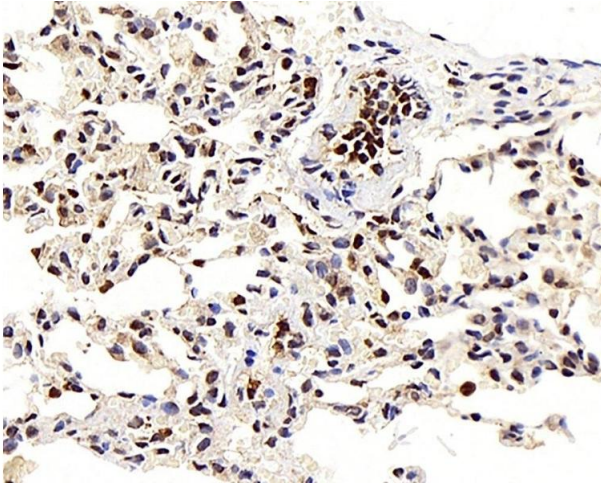
Buffer: PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

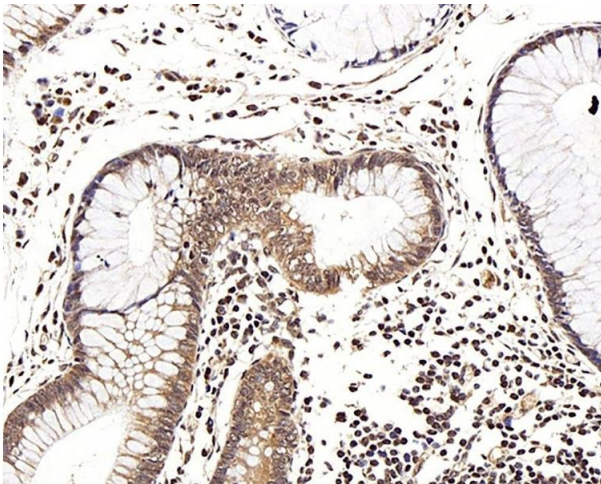
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



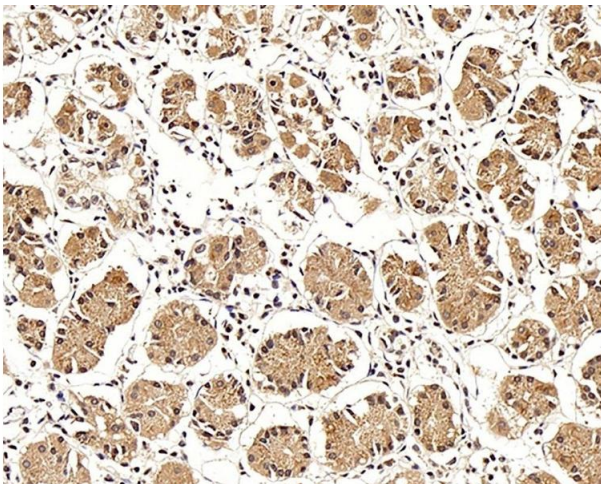
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis of paraffin-embedded Rat lung using LEP Polyclonal Antibody at dilution of 1:100.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human colon using LEP Polyclonal Antibody at dilution of 1:100.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry analysis of paraffin-embedded human stomach using LEP Polyclonal Antibody at dilution of 1:100.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7249646.