

LEP Polyclonal Antibody

Catalog No. E-AB-70170

Note: Centrifuge before opening to ensure complete recovery of vial contents.

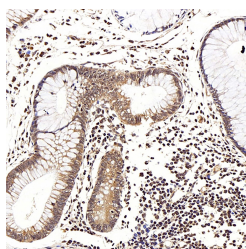
Description

Reactivity	Human, Mouse, Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Leptin
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

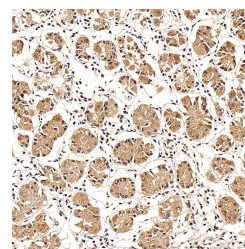
Applications Recommended Dilution

IHC 1:100

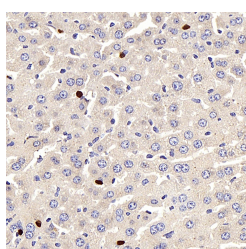
Data



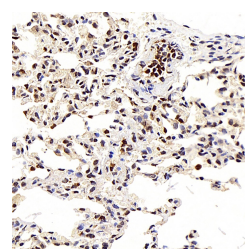
Immunohistochemistry analysis of paraffin-embedded human colon using LEP Polyclonal Antibody at dilution of 1:100.



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



Immunohistochemistry analysis of paraffin-embedded mouse liver using LEP Polyclonal Antibody at dilution of 1:100.



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

Preparation & Storage

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

Background

This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in

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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 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.