



# Anti-LCN2 polyclonal antibody (CABT-BL2123)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide: C-AILREDKDPQKMY, corresponding to internal sequence amino acids 60-72 of Human Lipocalin 2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Cellular Localization</b>	Secreted. Upon binding to the SLC22A17 (24p3R) receptor, it is internalized.
<b>Format</b>	Liquid
<b>Buffer</b>	99% Tris buffered saline, 0.5% BSA pH: 7.30
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	Leptin (Greek leptos meaning thin) is a 16 kDa protein hormone that plays a key role in regulating energy intake and energy expenditure, including appetite and metabolism. It is one of the most important adipose derived hormones. The Ob(Lep) gene (Ob for obese, Lep for leptin) is located on chromosome 7 in humans.
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# GENE INFORMATION

Entrez Gene ID [3934](#)

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Protein Refseq [NP\\_005555](#)

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UniProt ID [P80188](#)

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