



# Anti-LEPR (aa 577-594) polyclonal antibody (DPAB-DC1154)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	receptor for leptin; may have a role in body weight maintainence [RGD, Feb 2006]
<b>Specificity</b>	Recognizes leptin receptor. Detects bands of 100 KDa and 125 KDa, representing the short and long forms of leptin receptor. Also detects two unrelated bands of 31 KDa and 35 KDa.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 577-594 of rat Lepr. The sequence is KEIQWKTHEVFDAAKSNSA
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	In PBS (0.05% sodium azide)
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Lepr leptin receptor [ <i>Rattus norvegicus (Norway rat)</i> ]</a>
<b>Official Symbol</b>	LEPR
<b>Synonyms</b>	LEPR; leptin receptor; Fa; OB-R; LEP-R; OB receptor; Leptin receptor (fatty);
<b>Entrez Gene ID</b>	<a href="#">24536</a>
<b>Protein Refseq</b>	<a href="#">NP_036728</a>
<b>UniProt ID</b>	<a href="#">Q62959</a>
<b>Chromosome Location</b>	5q33
<b>Pathway</b>	AMPK signaling pathway; Adipocytokine signaling pathway; Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway
<b>Function</b>	cytokine receptor activity; identical protein binding; peptide hormone binding; protein-hormone receptor activity

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