

Anti-Leptin Receptor antibody ab92615

1 图像

概述	
产品名称	Anti-Leptin Receptor抗体
描述	鸡多克隆抗体to Leptin Receptor
宿主	Chicken
经测试应用	适用于: IHC-FoFr
种属反应性	与反应: Rat
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-Fr: Rat intestine, Rat brainstem
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium azide Constituent: PBS
纯度	Protein L purified
克隆	多克隆
同种型	IgY
应用	

The Abpromise guarantee      **Abpromise™**承诺保证使用ab92615于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-FoFr		

#### 应用说明

ICC/IF: Use at an assay dependent dilution.  
IHC-FoFr: 1/100 - 1/600.

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

#### 靶标

##### 功能

Receptor for obesity factor (leptin). On ligand binding, mediates signaling through JAK2/STAT3. Involved in the regulation of fat metabolism and, in a hematopoietic pathway, required for normal lymphopoiesis. May play a role in reproduction. Can also mediate the ERK/FOS signaling pathway.

##### 组织特异性

Isoform A is expressed in fetal liver and in hematopoietic tissues and choroid plexus. In adults highest expression in heart, liver, small intestine, prostate and ovary. Low level in lung and kidney. Isoform B is highly expressed in hypothalamus.

##### 序列相似性

Belongs to the type I cytokine receptor family. Type 2 subfamily.  
Contains 4 fibronectin type-III domains.  
Contains 1 Ig-like (immunoglobulin-like) domain.

##### 结构域

The cytoplasmic domain may be essential for intracellular signal transduction by activation of JAK tyrosine kinase and STATs.  
The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.  
The box 1 motif is required for JAK interaction and/or activation.

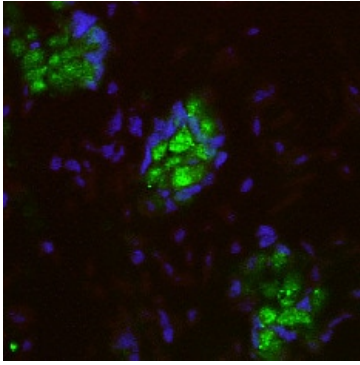
##### 翻译后修饰

On ligand binding, phosphorylated on two conserved C-terminal tyrosine residues (isoform B only) by JAK2. Tyr-986 is required for complete binding and activation of PTPN11, ERK/FOS activation and, for interaction with SOCS3 (By similarity). Phosphorylation on Tyr-1141 is required for STAT3 binding/activation.

##### 细胞定位

Secreted and Cell membrane.

#### 图片



ab92615, at 1/200 dilution, staining Leptin Receptor in rat intestine by Immunohistochemistry. Detection was done using anti-chicken Cy2-conjugated antibodies (green color). Cell nuclei were counterstained with DAPI (blue color).

Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-Leptin Receptor antibody (ab92615)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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