


Anti-LIFR antibody ab101228

★★★★★ [1 Abreviews](#) [9 References](#) [2 图像](#)

概述

产品名称	Anti-LIFR抗体
描述	兔多克隆抗体to LIFR
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse 预测可用于: Rat, Horse, Human, Pig, Chimpanzee, Macaque monkey, Orangutan 
免疫原	Synthetic peptide corresponding to Mouse LIFR aa 500-600 conjugated to keyhole limpet haemocyanin. (Peptide available as ab130816)
阳性对照	This antibody gave a positive signal in Mouse Placenta tissue lysate and in mouse placenta FFPE tissue sections.
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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab101228于以下的经测试应用

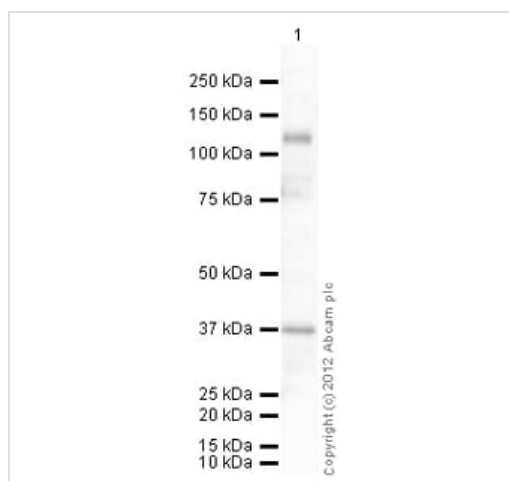
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 122 kDa (predicted molecular weight: 122 kDa).

靶标

功能	Signal-transducing molecule. May have a common pathway with IL6ST. The soluble form inhibits the biological activity of LIF by blocking its binding to receptors on target cells.
疾病相关	Defects in LIFR are the cause of Stueve-Wiedemann syndrome (SWS) [MIM:601559]; also knowns as Schwartz-Jampel syndrome type 2 (SJS2). SWS is a severe autosomal recessive condition and belongs to the group of the bent-bone dysplasias. SWS is characterized by bowing of the lower limbs, with internal cortical thickening, wide metaphyses with abnormal trabecular pattern, and camptodactyly. Additional features include feeding and swallowing difficulties, as well as respiratory distress and hyperthermic episodes, which cause death in the first months of life. The rare survivors develop progressive scoliosis, spontaneous fractures, bowing of the lower limbs, with prominent joints and dysautonomia symptoms, including temperature instability, absent corneal and patellar reflexes, and smooth tongue. Note=A chromosomal aberration involving LIFR is found in salivary gland pleiomorphic adenomas, the most common benign epithelial tumors of the salivary gland. Translocation t(5;8) (p13;q12) with PLAG1.
序列相似性	Belongs to the type I cytokine receptor family. Type 2 subfamily. Contains 6 fibronectin type-III domains.
结构域	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.
细胞定位	Secreted and Cell membrane.

图片



Western blot - Anti-LIFR antibody (ab101228)

Anti-LIFR antibody (ab101228) at 1 µg/ml + Mouse Placenta Tissue Lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

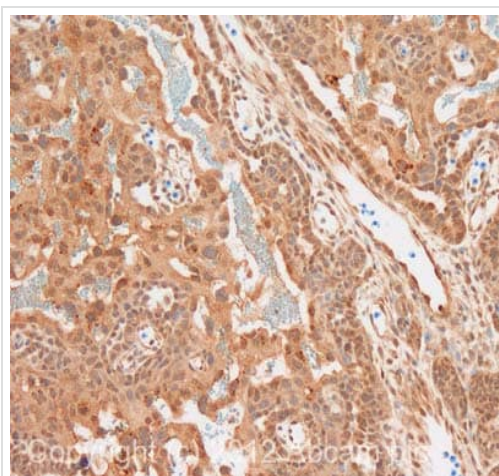
Performed under reducing conditions.

Predicted band size: 122 kDa

Observed band size: 122 kDa

Additional bands at: 37 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 90 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LIFR antibody (ab101228)

IHC image of LIFR staining in mouse placenta formalin fixed paraffin embedded tissue section, performed on a Leica BondTM system using the standard protocol B. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab101228, 1 µg/ml, for 15 mins at room temperature. A goat anti-rabbit biotinylated secondary antibody was used to detect the primary, and visualized using an HRP conjugated ABC system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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