

Anti-IREB2/IRP2 antibody ab110070

[1 References](#) [3 图像](#)

概述

产品名称	Anti-IREB2/IRP2抗体
描述	山羊多克隆抗体to IREB2/IRP2
宿主	Goat
经测试应用	适用于: WB, IHC-P, ELISA
种属反应性	与反应: Human 预测可用于: Cow, Dog, Pig, Orangutan 
免疫原	Synthetic peptide (C-SIHYEGSEYKLSHGS) corresponding to internal sequence amino acids 489-503 of Human IREB2. Run BLAST with Run BLAST with
阳性对照	Human Liver and Kidney. Human Liver lysate.

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 long term.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
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ab110070于以下的经测试应用

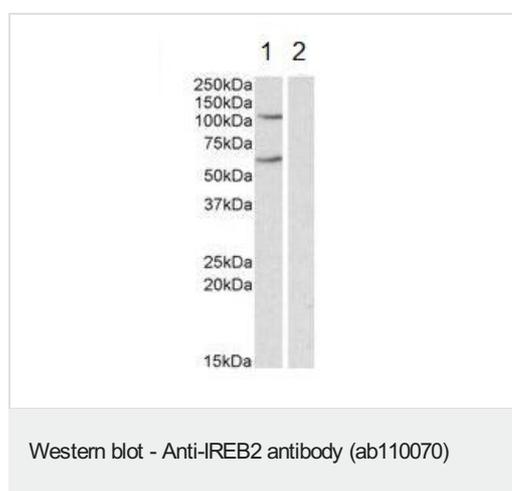
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 105 kDa.
IHC-P		Use a concentration of 3.75 µg/ml.
ELISA		1/32000.

靶标

功能	RNA-binding protein that binds to iron-responsive elements (IRES), which are stem-loop structures found in the 5'-UTR of ferritin, and delta aminolevulinic acid synthase mRNAs, and in the 3'-UTR of transferrin receptor mRNA. Binding to the IRE element in ferritin results in the repression of its mRNA translation. Binding of the protein to the transferrin receptor mRNA inhibits the degradation of this otherwise rapidly degraded mRNA.
序列相似性	Belongs to the aconitase/IPM isomerase family.
翻译后修饰	Ubiquitinated and degraded by the proteasome in presence of high level of iron and oxygen. Ubiquitinated by a SCF complex containing FBXL5. Upon iron and oxygen depletion FBXL5 is degraded, preventing ubiquitination and allowing its RNA-binding activity.
细胞定位	Cytoplasm.

图片



All lanes : Anti-IREB2/IRP2 antibody (ab110070) at 0.3 µg/ml (for 1 hour)

Lane 1 : Human Liver lysate in RIPA buffer

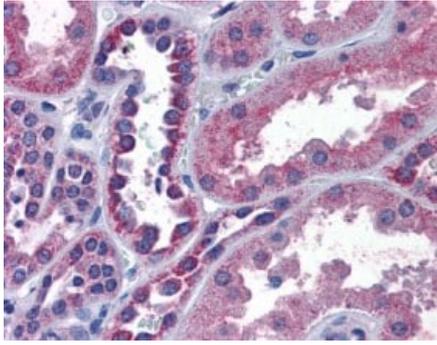
Lane 2 : Human Liver lysate in RIPA buffer with Immunizing peptide

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique.

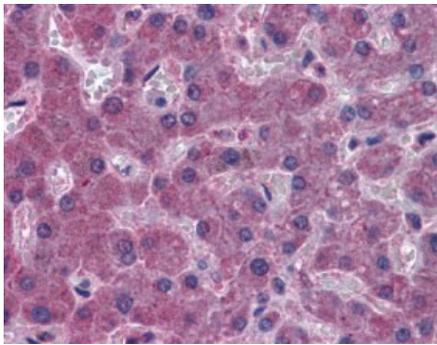
Predicted band size: 105 kDa

An additional band of unknown identity was also consistently observed at 60kD. This band was successfully blocked by incubation with the immunizing peptide.



ab110070 at 3.75 µg/ml staining IREB2 in Formalin-Fixed, Paraffin-Embedded Human Kidney by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IREB2 antibody (ab110070)



ab110070 at 3.75 µg/ml staining IREB2 in Formalin-Fixed, Paraffin-Embedded Human Liver by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IREB2 antibody (ab110070)

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