

Anti-IREB2/IRP2 antibody ab106926

1 References [画像数 1](#)

製品の概要

製品名	Anti-IREB2/IRP2 antibody
製品の詳細	Goat polyclonal to IREB2/IRP2
由来種	Goat
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow, Pig, Orangutan 
免疫原	Synthetic peptide corresponding to Human IREB2/IRP2 aa 489-503 (internal sequence). Sequence: C-SIHYEGSEYKLSHGS Database link: NP_004127.1 <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	WB: Human Liver lysate
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	ab106926 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

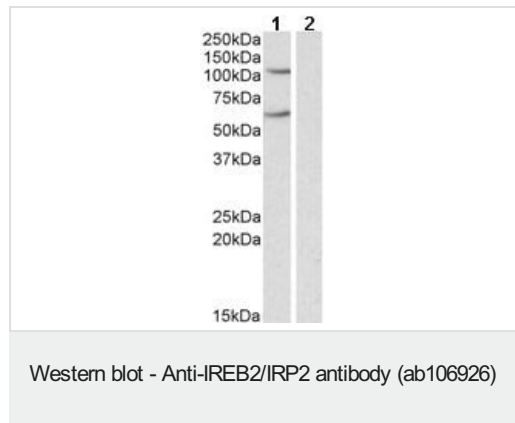
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab106926の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 3 - 6 µg/ml.
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 110 kDa (predicted molecular weight: 105 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

機能	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.
配列類似性	Belongs to the aconitase/IPM isomerase family.
翻訳後修飾	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.
細胞内局在	Cytoplasm.

画像



All lanes : Anti-IREB2/IRP2 antibody (ab106926) at 0.3 µg/ml

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

Observed band size: 110 kDa

Additional bands at: 60 kDa. We are unsure as to the identity of these extra bands.

Primary incubation was 1 hour.

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

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

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