

Anti-GADD34 antibody ab9869

★★★★★ **1 Abreviews** **10 References** **3 图像**

概述

产品名称	Anti-GADD34抗体
描述	山羊多克隆抗体to GADD34
宿主	Goat
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide corresponding to Human GADD34 aa 650 to the C-terminus (C terminal) (Cysteine residue). NP_055145.3. Database link: Q75807-1
	 Run BLAST with  Run BLAST with
阳性对照	WB: HepG2 cell lysate. IHC-P: Human liver tissue.
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab9869于以下的经测试应用

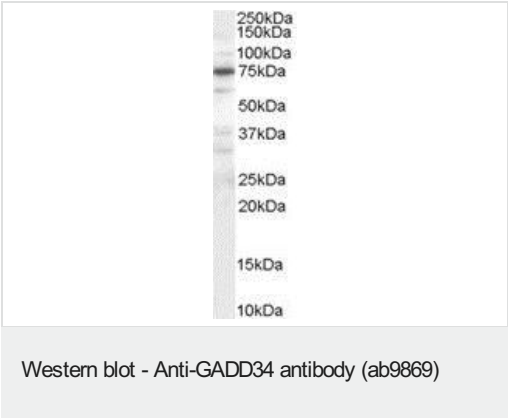
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★☆ (1)	Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 75 kDa (predicted molecular weight: 75 kDa). 1 hour primary incubation is recommended for this product.

靶标

功能	Recruits the serine/threonine-protein phosphatase PP1 to dephosphorylate the translation initiation factor eIF-2A/EIF2S1, thereby reversing the shut-off of protein synthesis initiated by stress-inducible kinases and facilitating recovery of cells from stress. Down-regulates the TGF-beta signaling pathway by promoting dephosphorylation of TGFB1 by PP1. May promote apoptosis by inducing TP53 phosphorylation on 'Ser-15'.
序列相似性	Belongs to the PPP1R15 family.
翻译后修饰	Phosphorylated on tyrosine by LYN; which impairs its antiproliferative activity.
细胞定位	Endoplasmic reticulum.

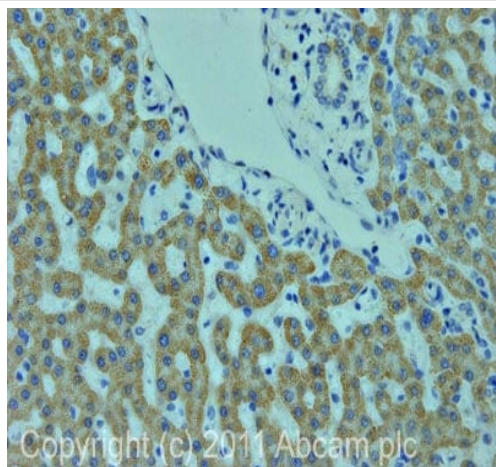
图片



Anti-GADD34 antibody (ab9869) at 0.1 µg/ml + HEPG2 cell lysate at 35 µg

Predicted band size: 75 kDa

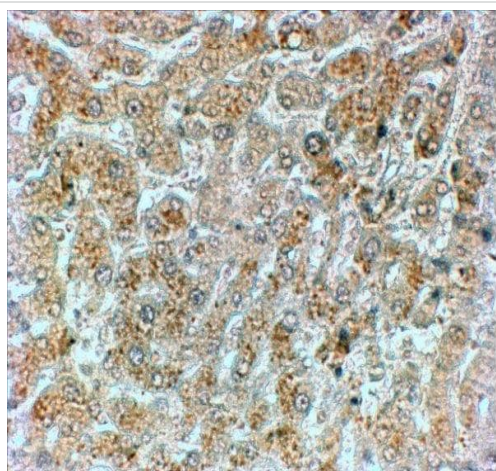
Primary incubation for 1 hour. Detection by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GADD34 antibody (ab9869)

IHC image of ab9869 staining in human normal liver formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ 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 ab9869, 10µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GADD34 antibody (ab9869)

ab9869 staining GADD34 in human liver sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

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