

# GRB10 overexpression 293T lysate (whole cell) ab94152

## 2 图像

### 概述

产品名称	GRB10 overexpression 293T裂解物(whole cell)
常规说明	ab94152 is a 293T cell transfected lysate in which Human GRB10 has been transiently over-expressed using a pCMV-GRB10 plasmid. The lysate is provided in 1X Sample Buffer. <b>Note:</b> For more details about how the transfected lysate was prepared <a href="#">view preparation notes</a>
经测试应用	适用于: WB

### 性能

Mycoplasma free	Yes
形式	Liquid
存放说明	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
背景	<p>Function: Adapter protein which modulates coupling of a number of cell surface receptor kinases with specific signaling pathways. Binds to, and suppress signals from, activated receptors tyrosine kinases, including the insulin (INSR) and insulin-like growth factor (IGF1R) receptors. The inhibitory effect can be achieved by 2 mechanisms: interference with the signaling pathway and increased receptor degradation. Delays and reduces AKT1 phosphorylation in response to insulin stimulation. Blocks association between INSR and IRS1 and IRS2 and prevents insulin-stimulated IRS1 and IRS2 tyrosine phosphorylation. Recruits NEDD4 to IGF1R, leading to IGF1R ubiquitination, increased internalization and degradation by both the proteasomal and lysosomal pathways. May play a role in mediating insulin-stimulated ubiquitination of INSR, leading to proteasomal degradation. Negatively regulates Wnt signaling by interacting with LRP6 intracellular portion and interfering with the binding of AXIN1 to LRP6. Positive regulator of the KDR/VEGFR-2 signaling pathway. May inhibit NEDD4-mediated degradation of KDR/VEGFR-2.</p> <p>Tissue specificity: Widely expressed in fetal and adult tissues, including fetal and postnatal liver, lung, kidney, skeletal muscle, heart, spleen, skin and brain. Similarity: Belongs to the GRB7/10/14 family. Contains 1 PH domain. Contains 1 Ras-associating domain. Contains 1 SH2 domain.</p> <p>Domain: The PH domain binds relatively non-specifically to several phosphoinositides, including PI(5)P, PI(4,5)P2, PI(3,4)P2 and PI(3,4,5)P3, with modest affinities. PTM: phosphorylated on serine residues upon EGF, FGF and PDGF stimulation.</p>

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab94152 于以下的经测试应用

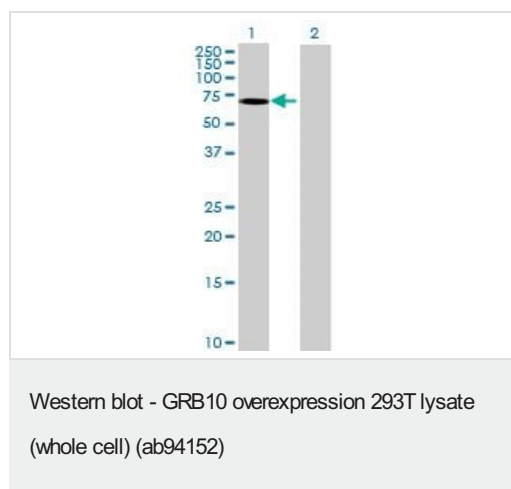
“应用说明”部分 下显示的仅为推荐的起始稀释度; 实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
WB		Use at an assay dependent dilution.

## 图片



ab94152 at 15µg/lane on an SDS-PAGE gel.



**All lanes :** Anti-GRB10 antibody (**ab55153**) at 1/500 dilution

**Lane 1 :** GRB10 overexpression 293T lysate (whole cell) (ab94152)

**Lane 2 :** 293T Non Transfected Lysate

Lysates/proteins at 25 µg per lane.

### Secondary

**All lanes :** Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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

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