

# eIF4G1 overexpression 293T lysate (whole cell) ab94246

## 2 图像

### 概述

产品名称	eIF4G1 overexpression 293T裂解物(whole cell)
常规说明	ab94246 is a 293T cell transfected lysate in which Human eIF4G1 has been transiently over-expressed using a pCMV-eIF4G1 plasmid. The lysate is provided in 1X Sample Buffer.
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: Component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome. Disease: Defects in EIF4G1 are the cause of Parkinson disease type 18 (PARK18) [MIM:614251]. An autosomal dominant, late-onset form of Parkinson disease. Parkinson disease is a complex neurodegenerative disorder characterized by bradykinesia, resting tremor, muscular rigidity and postural instability, as well as by a clinically significant response to treatment with levodopa. The pathology involves the loss of dopaminergic neurons in the substantia nigra and the presence of Lewy bodies (intraneuronal accumulations of aggregated proteins), in surviving neurons in various areas of the brain. Similarity: Belongs to the eIF4G family. Contains 1 MI domain. Contains 1 MIF4G domain. Contains 1 W2 domain. PTM: Phosphorylated at multiple sites in vivo. Phosphorylation at Ser-1185 by PRKCA induces binding to MKNK1. Following infection by certain enteroviruses, rhinoviruses and aphthoviruses, EIF4G1 is cleaved by the viral protease 2A, or the leader protease in the case of aphthoviruses. This shuts down the capped cellular mRNA transcription.</p>

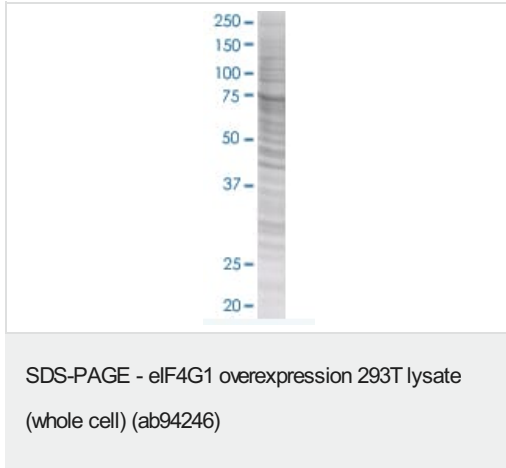
### 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab94246于以下的经测试应用

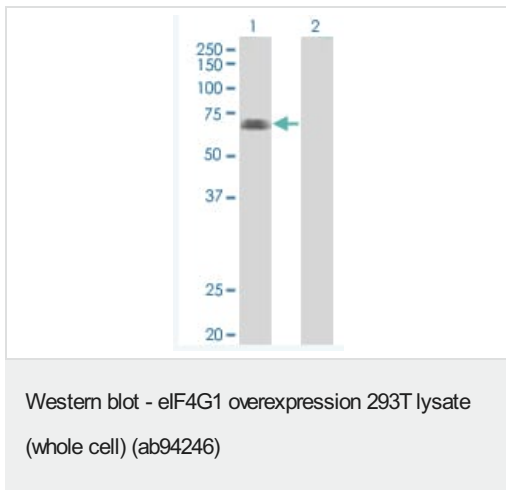
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

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

## 图片



ab94246 at 15µg/lane on an SDS-PAGE gel.



**All lanes** : Anti-eIF4G1 antibody ([ab54970](#)) at 1/500 dilution

**Lane 1** : eIF4G1 overexpression 293T lysate (whole cell) (ab94246)

**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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