

# Anti-G13 antibody ab72600

[2 References](#) [1 图像](#)

### 概述

产品名称	Anti-G13抗体
描述	兔多克隆抗体to G13
宿主	Rabbit
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human
免疫原	Synthetic peptide derived from an internal region of Human ATF6 beta
阳性对照	extracts from COLO205 cells

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
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ab72600于以下的经测试应用

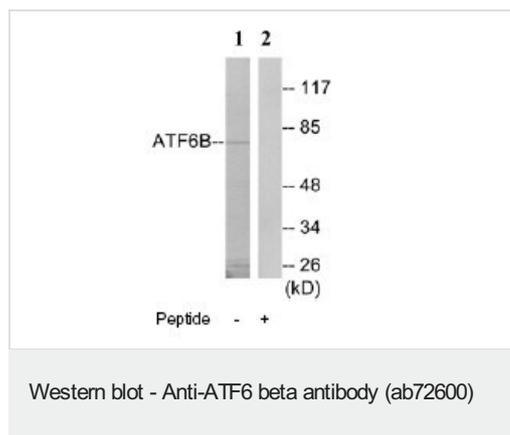
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 77 kDa (predicted molecular weight: 77 kDa).
ELISA		1/20000.

## 靶标

<b>功能</b>	Transcriptional factor that acts in the unfolded protein response (UPR) pathway by activating UPR target genes induced during ER stress. Binds DNA on the 5'-CCAC[GA]-3' half of the ER stress response element (ERSE) (5'-CCAATN(9)CCAC[GA]-3') when NF-Y is bound to ERSE.
<b>组织特异性</b>	Ubiquitous.
<b>序列相似性</b>	Belongs to the bZIP family. ATF subfamily. Contains 1 bZIP domain.
<b>结构域</b>	The basic domain functions as a nuclear localization signal. The basic leucine-zipper domain is sufficient for association with the NF-Y trimer and binding to ERSE.
<b>翻译后修饰</b>	N-glycosylated. During unfolded protein response an approximative 60 kDa fragment containing the cytoplasmic transcription factor domain is released by proteolysis. The cleavage is probably performed sequentially by site-1 and site-2 proteases.
<b>细胞定位</b>	Endoplasmic reticulum membrane and Nucleus. Under ER stress the cleaved N-terminal cytoplasmic domain translocates into the nucleus.

## 图片



**All lanes :** Anti-G13 antibody (ab72600) at 1/500 dilution

**Lane 1 :** extracts from COLO205 cells

**Lane 2 :** extracts from COLO205 cells, with 10ug immunising peptide

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 77 kDa

**Observed band size:** 76 kDa

**Additional bands at:** 26 kDa. We are unsure as to the identity of these extra bands.

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

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