

### Anti-GCN2 (phospho T899) antibody [EPR2320Y] ab75836

**重组 RabMAb**

★★★★☆ **13 Abreviews** **69 References** **5 图像**

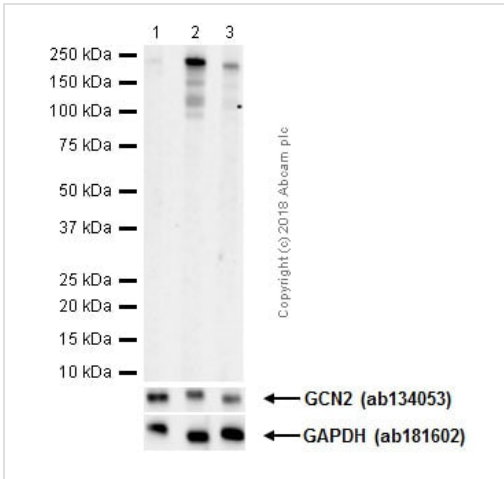
#### 概述

<b>产品名称</b>	Anti-GCN2 (phospho T899)抗体[EPR2320Y]
<b>描述</b>	兔单克隆抗体[EPR2320Y] to GCN2 (phospho T899)
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> Dot blot, WB <b>不适用于:</b> Flow Cyt, ICC/IF, IHC-P or IP
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>阳性对照</b>	WB: HeLa cell lysates treated with Calyculin. Dot Blot: GCN2 (phospho T899) phospho peptide.
<b>常规说明</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
<b>纯度</b>	Protein A purified
<b>克隆</b>	单克隆





Western blot - Anti-GCN2 (phospho T899) antibody [EPR2320Y] (ab75836)

**All lanes :** Anti-GCN2 (phospho T899) antibody [EPR2320Y] (ab75836) at 1/1000 dilution

**Lane 1 :** HeLa (human cervix adenocarcinoma epithelial cell) grown in serum free media for 24hours, whole cell lysate

**Lane 2 :** HeLa grown in serum free media for 24hours, then treated with 100nM Calyculin A for 30min, whole cell lysate

**Lane 3 :** HeLa grown in serum free media for 24hours, then treated with 100nM Calyculin A for 30min, whole cell lysate. Then the membrane was incubated with alkaline phosphatase

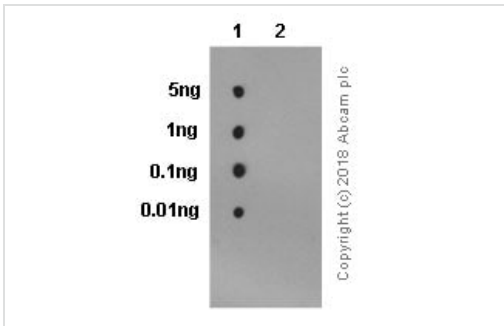
Lysates/proteins at 15 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

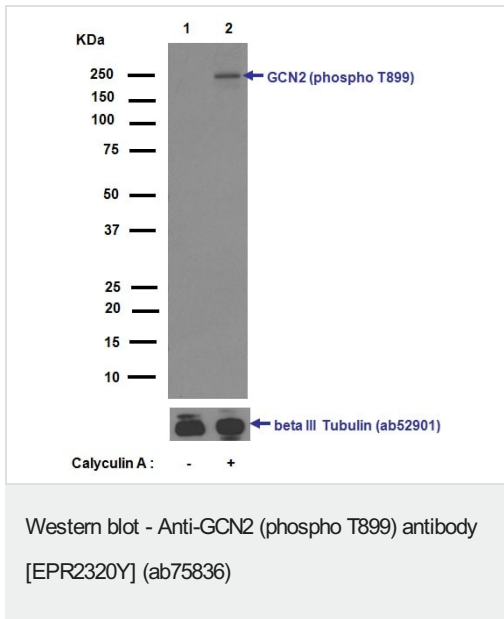
**Predicted band size:** 187 kDa

Blocking and diluting buffer: 5% NFDM/TBST.



Dot Blot - Anti-GCN2 (phospho T899) antibody [EPR2320Y] (ab75836)

Dot blot analysis of GCN2 (phospho T899) phospho peptide (Lane 1) and GCN2 non-phospho peptide (Lane 2) labelling GCN2 (phospho T899) phospho peptide with ab75836 at a dilution of 1:1000 dilution (0.277 µg/ml). A Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (**ab97051**) was used as the secondary antibody at a dilution of 1:20,000 dilution. Blocking buffer: 5% NFDM/TBST. Dilution buffer: 5% NFDM /TBST .



**All lanes :** Anti-GCN2 (phospho T899) antibody [EPR2320Y] (ab75836) at 1/1000 dilution (purified)

**Lane 1 :** HeLa cell lysate - untreated

**Lane 2 :** HeLa cell lysate - treated with Calyculin

Lysates/proteins at 10 µg per lane.

#### Secondary

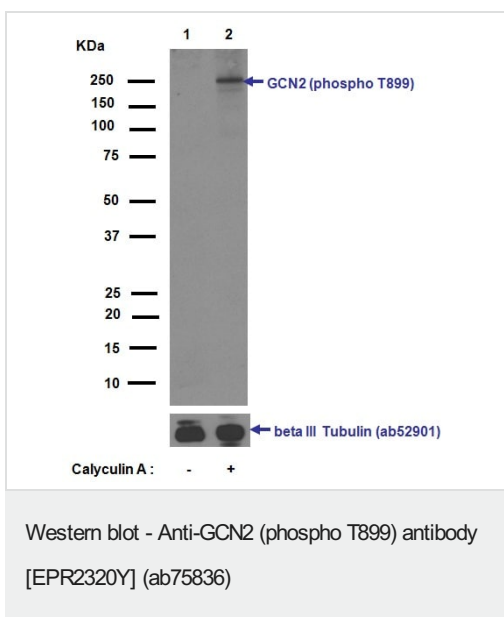
**All lanes :** Peroxidase conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

**Predicted band size:** 187 kDa

**Observed band size:** 220 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



**All lanes :** Anti-GCN2 (phospho T899) antibody [EPR2320Y] (ab75836) at 1/500 dilution (unpurified)

**Lane 1 :** HeLa cell lysate - untreated

**Lane 2 :** HeLa cell lysate - treated with Calyculin A

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** Peroxidase conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

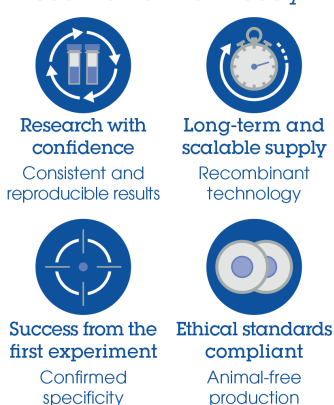
**Predicted band size:** 187 kDa

**Observed band size:** 220 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.

Why choose a recombinant antibody?



- Research with confidence**  
Consistent and reproducible results
- Long-term and scalable supply**  
Recombinant technology
- Success from the first experiment**  
Confirmed specificity
- Ethical standards compliant**  
Animal-free production

Anti-GCN2 (phospho T899) antibody [EPR2320Y]  
(ab75836)

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

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