

# Phospho-CGAS-S291 Rabbit pAb

货号: **AYP22351**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:100 - 1:500
理论分子量	
实测分子量	59KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	cytosol,nucleoplasm,nucleus,plasma membrane
纯化	Affinity purification

## 抗原信息

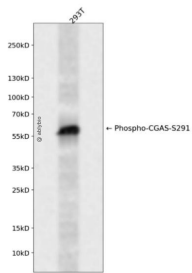
抗原信息	A synthetic phosphorylated peptide around S291 of mouse CGAS (NP_775562.2).
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## 靶点信息

研究背景	The protein encoded by this gene is a DNA binding cytosolic protein that catalyzes the synthesis of cyclic guanosine monophosphate-adenosine monophosphate (cGAMP) after sensing the presence of DNA in the cytoplasm. cGAMP binds another protein, Stimulator of interferon genes (STING), leading to the induction of interferons, and a host immune response. Reduced expression of this gene inhibits interferon induction in the presence of some viral infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
基因ID	214763
基因名	Cgas

Swiss	Q8C6L5
别名	E330016A19Rik; cGAS

## 产品验证



Western blot analysis of Phospho-CGAS-S291 expressed in 293T using Phospho-CGAS-S291 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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