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Phospho-CGAS-S420 Rabbit pAb

货号: **AYP14777**

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	
实测分子量	62KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,C6
细胞定位	cytosol,nucleoplasm,nucleus,plasma membrane
纯化	Affinity purification

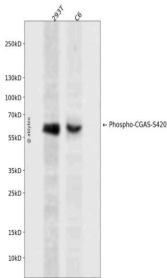
抗原信息

抗原信息	A synthetic phosphorylated peptide around S420 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 (https://www.uniprot.org/uniprotkb/Q8C6L5/entry)
别名	E330016A19Rik,cGAS,Phospho-CGAS-S420 Rabbit pAb,2'3'-cGAMP synthase,Mab-21 domain-containing protein 1,Mb21d1

产品验证



Western blot analysis of Phospho-CGAS-S420 expressed in 293T,C6 using Phospho-CGAS-S420 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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