abcam

Product datasheet

Anti-Gankyrin antibody ab98002

1 图像

概述

产品名称	Anti-Gankyrin抗体
描述	兔多克隆抗体to Gankyrin
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat, Rabbit, Horse, Guinea pig, Cat, Dog, Zebrafish
免疫原	Synthetic peptide corresponding to a region within internal sequence amino acids 143-192 (MHRAAAKGNL KMIHILLYYK ASTNIQDTEG NTPLHLACDE ERVEEAKLLV) of Human Proteasome 26S S10 (NP_002805). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	ACHN cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
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ab98002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

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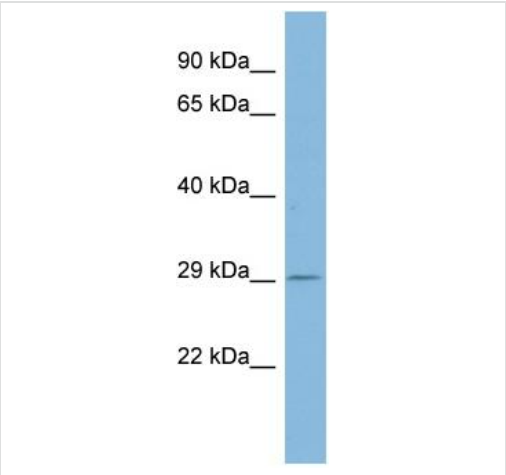
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 24 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能	Acts as a chaperone during the assembly of the 26S proteasome, specifically of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD10:PSMC4:PSMC5:PAAF1 module which probably assembles with a PSMD5:PSMC2:PSMC1:PSMD2 module. Acts as an proto-oncoprotein by being involved in negative regulation of tumor suppressors RB1 and p53/TP53. Overexpression is leading to phosphorylation of RB1 and proteasomal degradation of RB1. Regulates CDK4-mediated phosphorylation of RB1 by competing with CDKN2A for binding with CDK4. Facilitates binding of MDM2 to p53/TP53 and the mono- and polyubiquitination of p53/TP53 by MDM2 suggesting a function in targeting the TP53:MDM2 complex to the 26S proteasome. Involved in p53-independent apoptosis. Involved in regulation of NF-kappa-B by retaining it in the cytoplasm. Binds to the NF-kappa-B component RELA and accelerates its XPO1/CRM1-mediated nuclear export.
组织特异性	Overexpressed in hepatocellular carcinomas.
序列相似性	Contains 7 ANK repeats.
细胞定位	Cytoplasm. Nucleus.

图片



Western blot - Anti-Proteasome 26S S10 antibody (ab98002)

Anti-Gankyrin antibody (ab98002) at 1 µg/ml (5% skim milk/ PBS buffer) + ACHN cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 24 kDa

Gel concentration: 12%

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