

# CCAR2 Rabbit pAb

货号: **AYP12927**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> A172 <b>CHIP:</b> Homo sapiens
应用	<a href="#">WB</a> <a href="#">IHC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	102kDa/103kDa
实测分子量	130kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,HeLa,Rat lung
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

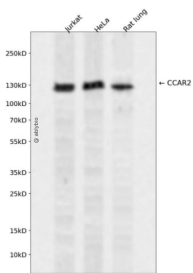
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 654-923 of human CCAR2 (NP_066997.3).
序列	LLRDDGEEEFAGAKLEDSEVRSVASNQSEMEFSSLQDMPKELDPSAVLPLDCLLAFVFFDANWCGYLHRRDLERILLTLGI RLSAEQAKQLVSRVVTQNICQYRSLQYSRQEGLDGGLPEEVLFGNLDDLPPPGKSTKPGAAPTEHKALVSHNGSLINVGSL LQRAEQQDSGRLYLENKIHTLELKLKLEESHNRFSATEVTNKTAAEMQELRVRLAEAEETARTAERQKSQQLRLLQELRRRLT PLQLEIQRVVEKADSWVEKEEPAPSN

## 靶点信息

研究背景	Core component of the DBIRD complex, a multiprotein complex that acts at the interface between core mRNP particles and RNA polymerase II (RNAPII) and integrates transcript elongation with the regulation of alternative splicing; the DBIRD complex affects local transcript elongation rates and alternative splicing of a large set of exons embedded in (A + T-rich DNA regions. Inhibits SIRT1 deacetylase activity leading to increasing levels of p53/TP53 acetylation and p53-mediated apoptosis. Inhibits SUV39H1 methyltransferase activity. Mediates ligand-dependent transcriptional activation by nuclear hormone receptors. Plays a critical role in maintaining genomic stability and cellular integrity following UV-induced genotoxic stress. Regulates the circadian expression of the core clock components NR1D1 and ARNTL/BMAL1. Enhances the transcriptional repressor activity of NR1D1 through stabilization of NR1D1 protein levels by preventing its ubiquitination and subsequent degradation. Represses the ligand-dependent transcriptional activation function of ESR2.
基因ID	57805
基因名	CCAR2
Swiss	Q8N163
别名	CCAR2;DBC-1;DBC1;KIAA1967;NET35;p30 DBC;p30DBC

## 产品验证



Western blot analysis of CCAR2 expressed in Jurkat, HeLa, Rat lung using CCAR2 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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