

## 兔抗 CCAR2 多克隆抗体

中文名称：兔抗 CCAR2 多克隆抗体

英文名称： Anti-CCAR2 rabbit polyclonal antibody

别名： cell cycle and apoptosis regulator 2; DBC1; DBC-1; NET35; p30DBC; p30 DBC; KIAA1967

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： CCAR2

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

### 技术规格

**Background:**

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. As part of a histone H3-specific methyltransferase complex may mediate ligand-dependent transcriptional activation by nuclear horm

	<p>one 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 (PubMed:18235501, PubMed:18235502, PubMed:19131338, PubMed:19218236, PubMed:22446626, PubMed:23352644, PubMed:23398316). Represses the ligand-dependent transcriptional activation function of ESR2 (PubMed:20074560). Acts as a regulator of PCK1 expression and gluconeogenesis by a mechanism that involves, at least in part, both NR1D1 and SIRT1 (PubMed:24415752). Negatively regulates the deacetylase activity of HDAC3 and can alter its subcellular localization (PubMed:21030595). Positively regulates the beta-catenin pathway (canonical Wnt signaling pathway) and is required for MCC-mediated repression of the beta-catenin pathway (PubMed:24824780). Represses ligand-dependent transcriptional activation function of NR1H2 and NR1H3 and inhibits the interaction of SIRT1 with NR1H3 (PubMed:25661920). Plays an important role in tumor suppression through p53/TP53 regulation; stabilizes p53/TP53 by affecting its interaction with ubiquitin ligase MDM2 (PubMed:25732823). Represses the transcriptional activator activity of BRCA1 (PubMed:20160719). Inhibits SIRT1 in a CHEK2 and PSEM3-dependent manner and inhibits the activity of CHEK2 in vitro (PubMed:25361978).</p>
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	CCAR2
<b>Immunogen:</b>	Synthetic peptide of human CCAR2
<b>Full name:</b>	cell cycle and apoptosis regulator 2
<b>Synonyms:</b>	DBC1; DBC-1; NET35; p30DBC; p30 DBC; KIAA1967
<b>SwissProt:</b>	Q8N163
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human prostate cancer
<b>IHC Recommend dilution:</b>	50-100

