

小鼠抗 CCAR2 单克隆抗体

- 中文名称: 小鼠抗 CCAR2 单克隆抗体
- 英文名称: Anti-CCAR2 mouse monoclonal 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: Mouse
- 抗 原: CCAR2
- 反应种属: Human, Mouse, Rat, Monkey
- 标记物: Unconjugate
- 克隆类型: Mouse Monoclonal

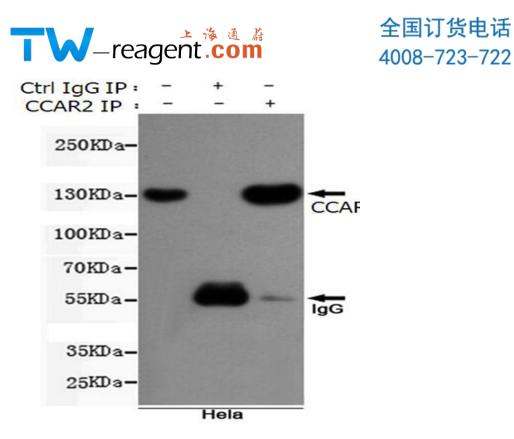
技术规格

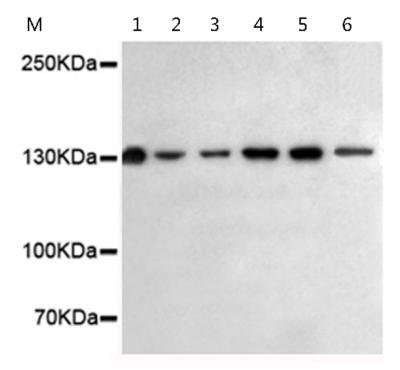
	Core component of the DBIRD complex, a multiprotein c omplex that acts at the interface between core mRNP pa rticles and RNA polymerase II (RNAPII) and integrates tra nscript elongation with the regulation of alternative splici ng: the DBIRD complex affects local transcript elongation rates and alternative splicing of a large set of exons em
Background:	bedded in (A + T)-rich DNA regions. Inhibits SIRT1 deac etylase activity leading to increasing levels of p53/TP53 a cetylation and p53-mediated apoptosis. Inhibits SUV39H1 methyltransferase activity. As part of a histone H3-specifi c methyltransferase complex may mediate ligand-depend ent transcriptional activation by nuclear hormone recepto rs. Plays a critical role in maintaining genomic stability a



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	nd cellular integrity following UV-induced genotoxic stres s. Regulates the circadian expression of the core clock c omponents NR1D1 and ARNTL/BMAL1. Enhances the tra nscriptional repressor activity of NR1D1 through stabiliza tion of NR1D1 protein levels by preventing its ubiquitina tion and subsequent degradation (PubMed:18235501, Pu bMed:18235502, PubMed:19131338, PubMed:19218236, P ubMed: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 mechanis m that involves, at least in part, both NR1D1 and SIRT1 (PubMed:24415752). Negatively regulates the deacetylase activity of HDAC3 and can alter its subcellular localizatio n (PubMed:21030595). Positively regulates the beta-cateni n pathway (canonical Wnt signaling pathway) and is req uired for MCC-mediated repression of the beta-catenin p athway (PubMed:24824780). Represses ligand-dependent transcriptional activation function of NR1H2 and NR1H3 and inhibits the interaction of SIRT1 with NR1H3 (PubMe d:25661920). Plays an important role in tumor suppressio n through p53/TP53 regulation; stabilizes p53/TP53 by af fecting its interaction with ubiquitin ligase MDM2 (PubM ed:25732823). Represses the transcriptional activator activ ity of BRCA1 (PubMed:20160719). Inhibits SIRT1 in a CHE K2 and PSEM3-dependent manner and inhibits the activit y of CHEK2 in vitro (PubMed:25361978).
Applications:	WB, IF, IP
Name of antibody:	CCAR2
Immunogen:	Fusion protein of human CCAR2
Full name:	cell cycle and apoptosis regulator 2
Synonyms:	DBC1; DBC-1; NET35; p30DBC; p30 DBC; KIAA1967
SwissProt:	Q8N163
WB Predicted band size:	103 kDa
WB Positive control:	
TTE I USILIVE CUILIUI.	COS7, 3T3, C6, Jurkat, A549 and Hela cell lysates
WB Recommended dilution:	COS7, 3T3, C6, Jurkat, A549 and Hela cell lysates 500-2000







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