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## anti-CCAR2 antibody





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Quantity:	100 μL
Target:	CCAR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCAR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Synthesized peptide derived from internal of Human KIAA1967.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		

#### **Target Details**

Target:	CCAR2	
Alternative Name:	CCAR2 (CCAR2 Products)	
Background:	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 hormone receptors. Plays a critical role in maintaining genomic stability and cellular integrity following UV-induced genotoxic stress.

Nagase T., DNA Res. 8:319-327(2001).

Hamaguchi M., Proc. Natl. Acad. Sci. U.S.A. 99:13647-13652(2002).

Olsen J.V., Cell 127:635-648(2006).

Aliases: CCAR2 antibody, DBC1 antibody, KIAA1967Cell cycle and apoptosis regulator protein 2 antibody, Cell division cycle and apoptosis regulator protein 2 antibody, DBIRD complex subunit KIAA1967 antibody, Deleted in breast cancer gene 1 protein antibody, DBC-1 antibody, DBC.1 antibody, NET35 antibody, p30 DBC antibody

UniProt:

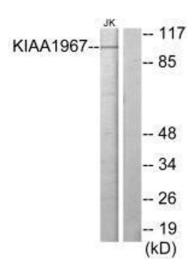
Q8N163

#### **Application Details**

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

#### Handling

Format:	Liquid	
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from Jurkat cells, using KIAA1967 antibody.