

Mouse anti-Human, Mouse DBC1 Monoclonal Antibody | anti-CCAR2 antibody

DBC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290523	Mouse	Human, Mouse	Immunoprecipitation, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

DBC1; Monoclonal Antibody; DBC1 Antibody; Purified Mouse Monoclonal Antibody (Mab); DBCCR1; Deleted in bladder cancer protein 1; Deleted in bladder cancer protein 1 recursor; FAM5A; Protein FAM5A.; anti-CCAR2 antibody

PRODUCT SPECIFICATIONS

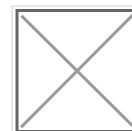
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal antibody in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	923
Applicable Applications for anti-CCAR2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



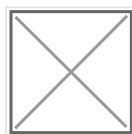
IP (Immunoprecipitation)

Immunoprecipitation analysis of HeLa cell lysates using DBC1 mouse mAb.



ICC (Immunocytochemistry)

Immunocytochemistry of HeLa cells using anti-DBC1 mouse mAb diluted 1:200.



WB (Western Blot)

Western blot detection of DBC1 in HeLa, A549, Jurkat, C6, 3T3 and COS7 cell lysates using DBC1 mouse mAb (1:500 diluted). Predicted band size: 130KDa. Observed band size: 130KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CCAR2 antibody	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. 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.
Product Categories/Family for anti-CCAR2 antibody	Cancer; Signal Transduction
References	Ota T.,et al.Nat. Genet. 36:40-45(2004). Bechtel S.,et al.BMC Genomics 8:399-399(2007). Nusbaum C.,et al.Nature 439:331-335(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases. Nagase T.,et al.DNA Res. 8:319-327(2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	24432106
NCBI GeneID	57805
NCBI Accession #	NP_066997.3
NCBI GenBank Nucleotide #	NM_021174.5
UniProt Accession #	Q8N163; Q6P0Q9; Q8N3G7; Q8N8M1; Q8TF34; Q9H9Q9; Q9HD12; Q9NT55; A6NL03; B2RB79; D3DSR6
Molecular Weight	102902
NCBI Official Full Name	cell cycle and apoptosis regulator protein 2
NCBI Official Synonym Full Names	cell cycle and apoptosis regulator 2
NCBI Official Symbol	CCAR2
NCBI Official Synonym Symbols	DBC1; DBC-1; NET35; p30DBC; p30 DBC; KIAA1967
NCBI Protein Information	cell cycle and apoptosis regulator protein 2
UniProt Protein Name	Cell cycle and apoptosis regulator protein 2
UniProt Gene Name	CCAR2
UniProt Synonym Gene Names	DBC1; KIAA1967; DBC-1; DBC.1
UniProt Entry Name	CCAR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dbc1-antibody-immunoprecipitation-immunocytochemistry-western-blot-elisa/290523>