Datasheet for ABIN7602235

anti-CCAR2 antibody (AA 65-917)

Go to Product page

Overview

Quantity:	100 µg
Target:	CCAR2
Binding Specificity:	AA 65-917
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-DBC-1/CCAR2 Antibody Picoband®
Immunogen:	E.coli-derived human DBC-1/CCAR2 recombinant protein (Position: L65-E917).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-DBC-1/CCAR2 Antibody Picoband® (ABIN7602235). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat, Monkey. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	CCAR2
Alternative Name:	CCAR2 (CCAR2 Products)
Background:	Synonyms: Vacuolar protein sorting-associated protein 4B, Cell migration-inducing gene 1 protein, Suppressor of K (+) transport growth defect 1, Protein SKD1, VPS4B, SKD1, VPS42, MIG1 Tissue Specificity: Ubiquitously expressed. Background: Deleted in bladder cancer protein 1 is a protein that in humans is encoded by the DBC1 gene. Cell cycle and apoptosis regulator protein 2 (CCAR2), previously known as DBC1/KIAA1967, regulates diverse cellular functions including transcription, mRNA splicing, metabolism, and circadian cycle. CCAR2 is a critical regulator of cell death or survival following cellular stresses. CCAR2 is a widely expressed protein involved in the regulation of a variety of transcriptional complexes. High expression of CCAR2 correlates with poor outcomes in many human tumor types such as squamous cell carcinoma (SCC).
Molecular Weight:	130 kDa
Gene ID:	57805
UniProt:	Q8N163

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat, Monkey Immunohistochemistry(Paraffin-embedded Section), 1-2 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Anantharaman, V., Aravind, L. Analysis of DBC1 and its homologs suggests a potential mechanism for regulation of sirtuin domain deacetylases by NAD metabolites. Cell Cycle 7: 1467-1472, 2008. 2. Close, P., East, P., Dirac-Svejstrup, A. B., Hartmann, H., Heron, M., Maslen, S., Chariot, A., Soding, J., Skehel, M., Svejstrup, J. Q. DBIRD complex integrates alternative mRNA splicing with RNA polymerase II transcript elongation. Nature 484: 386-389, 2012. 3. Hamaguchi, M., Meth, J. L., von Klitzing, C., Wei, W., Esposito, D., Rodgers, L., Walsh, T., Welcsh, P., King, M.-C., Wigler, M. H. DBC2, a candidate for a tumor suppressor gene involved in breast cancer. Proc. Nat. Acad. Sci. 99: 13647-13652, 2002.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.