

### **UK Office**

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# EB12588 - Goat Anti-CCAR2 / DBC1 (aa842-855) Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: CCAR2, cell cycle and apoptosis regulator 2, DBC-1, DBC1, KIAA1967, NET35, p30 DBC, p30DBC, cell cycle and apoptosis regulator protein 2, cell division cycle and apoptosis regulator protein 2, deleted in breast cancer 1, p30 DBC protein Official Symbol: CCAR2 Accession Number(s): NP\_066997.3

Human GenelD(s): <u>57805</u>

Non-Human GeneID(s): 219158 (mouse), 306007 (rat)

#### Immunogen

Peptide with sequence C-ESHNRFSATEVTNK, from the internal region of the protein sequence according to NP\_066997.3.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

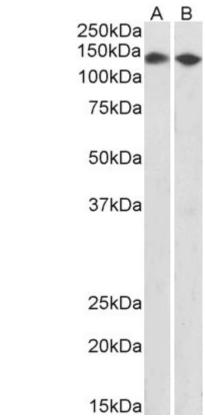
## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:64000.

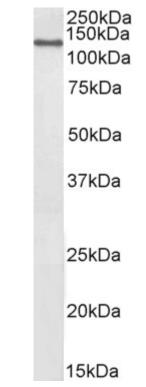
**Western blot:** Approx 140kDa band observed in nuclear lysates of cell lines HEK293, MCF7 and NIH3T3 (calculated MW of 103kDa according to Human NP\_066997.3 and Mouse NP\_666167.3). The observed molecular weight is explained by its acetylation (Zheng et al, Mol Cell Biol. 2013 Dec;33(24):4960-70. PMID: 24126058). Recommended concentration: 0.5-2µg/ml.

### **Species Reactivity**

Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB12588 (0.5µg/ml) staining of HEK293 (A) and MCF7 (B) nuclear lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12588 (2µg/ml) staining of NIH3T3 nuclear lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.