



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(s):** [57805](#)

**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

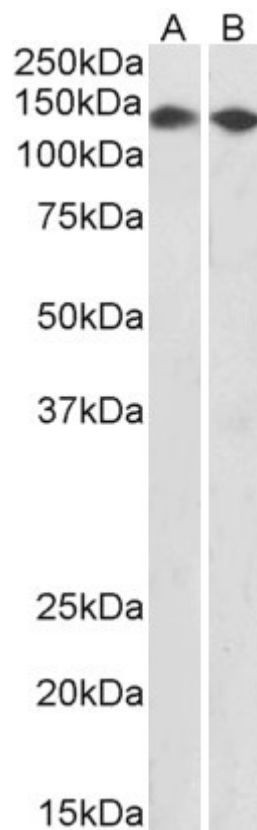
**Peptide ELISA:** antibody detection limit dilution 1:64000.

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



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