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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

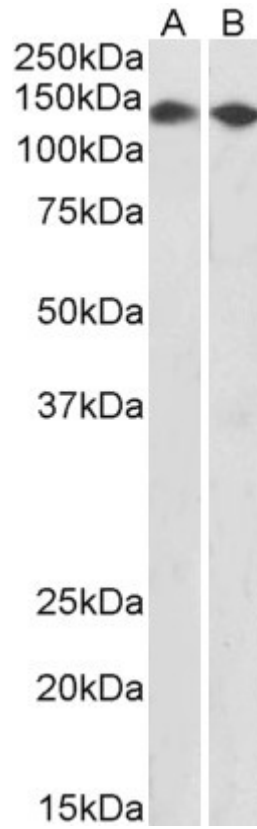
Peptide ELISA: antibody detection limit dilution 1:64000.

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.

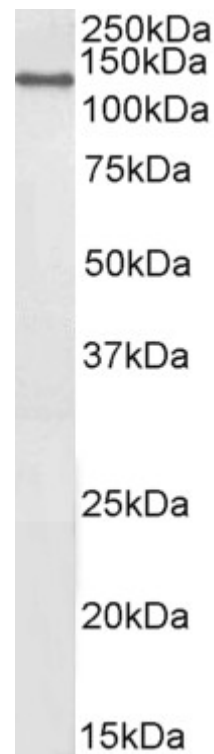
Species Reactivity

Tested: Human, Mouse

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



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



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