

#### **International Office**

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# EB09758 - Goat Anti-CCAR1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** CCAR1, cell division cycle and apoptosis regulator 1, CARP-1, CARP1, MGC44628, RP11-437A18.1, OTTHUMP00000019709, cell-cycle and apoptosis

regulatory protein 1

Official Symbol: CCAR1

Accession Number(s): NP\_060707.2

Human GenelD(s): 55749

Non-Human GenelD(s): 361849 (mouse)

### **Immunogen**

Peptide with sequence RYCKERPSKDKE, from the internal region (near C-Terminus) of the protein sequence according to NP\_060707.2.

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 1:16000.

**Western blot:** Approx 120kDa band observed in Mouse and Rat Skeletal Muscle lysates (calculated MW of 132kDa according to Mouse NP\_080477.1 and Rat NP\_001102005.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 33kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

## **Species Reactivity**

Tested: Mouse, Rat

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09758 (1μg/ml) staining of Rat Skeletal Muscle lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.