

#### **International Office**

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# EB10236-B - Goat Anti-CIRBP (aa 161-172), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** CIRBP, cold inducible RNA binding protein, CIRP, A18 hnRNP, cold inducible RNA-binding protein, glycine-rich RNA binding protein, Cold-inducible

RNA-binding protein

Official Symbol: CIRBP

Accession Number(s): NP\_001271.1

Human GeneID(s): 1153

Non-Human GenelD(s): 12696 (mouse), 81825 (rat)

Important Comments: This antibody is expected to recognize reported isoform 1

(NP\_001271.1) only.

### **Immunogen**

Peptide with sequence C-RDSYDSYATHNE., from the C Terminus of the protein sequence according to NP\_001271.1.

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 1:32000.

**Western blot:** Approx 18kDa band observed in Rat Testis lysates (calculated MW of 18.6kDa according to Rat NP\_112409.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

#### **Species Reactivity**

Tested: Human, Mouse, Rat

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

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

Biotinylated EB10236 (1µg/ml) staining of Rat Testis lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.