

## UK Office

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

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

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** CIRBP

**Accession Number(s):** NP\_001271.1

**Human GeneID(s):** [1153](#)

**Non-Human GeneID(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.

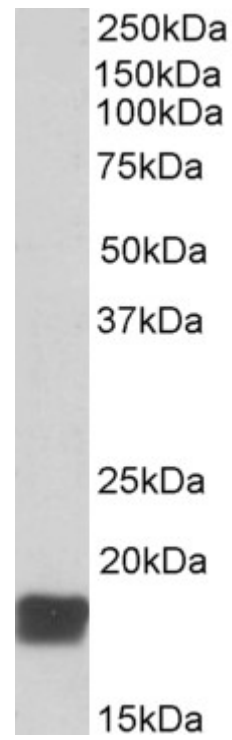
**Western blot:** Approx 18kDa band observed in Mouse Testis lysates (calculated MW of 18.6kDa according to Human NP\_001271.1 and Mouse NP\_031731.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

**IHC:** In paraffin embedded Human Testis shows nuclear staining preferentially in type A spermatogonia. Recommended concentration: 3-5µg/ml.

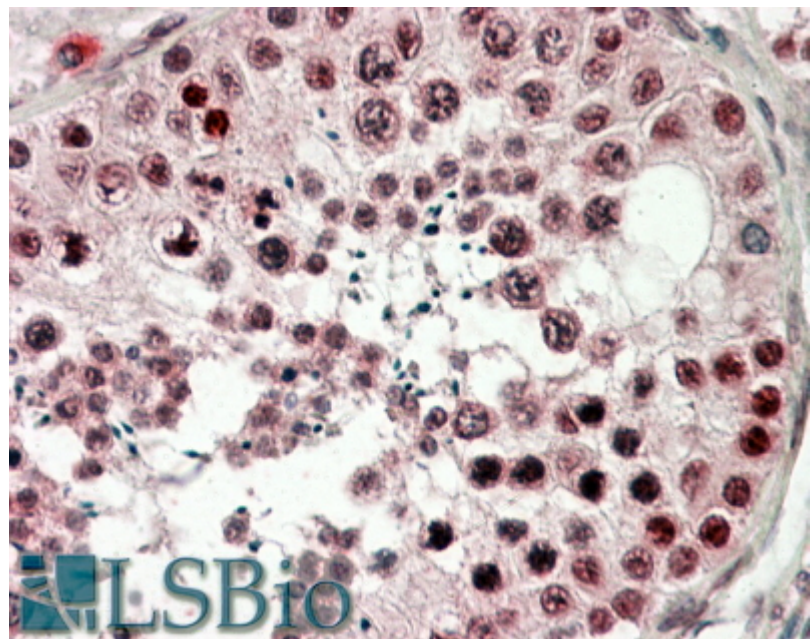
### Species Reactivity

**Tested:** Human, Mouse

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



EB10236 (0.01 $\mu$ g/ml) staining of Mouse Testis lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB10236 (3.8 $\mu$ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.