

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford

Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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 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 Mouse Testis lysates (calculated MW of 18.6kDa according to Human NP_001271.1 and Mouse NP_031731.1). Recommended

concentration: 0.01-0.03 $\mu\text{g/ml}.$ 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

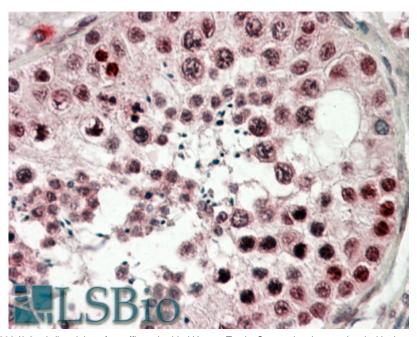
Tested: Human, Mouse

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

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

15kDa

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



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