

bs-7790R**[Primary Antibody]****BioSS**
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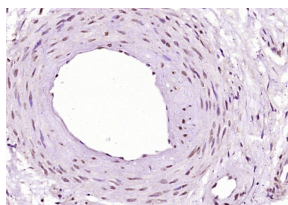
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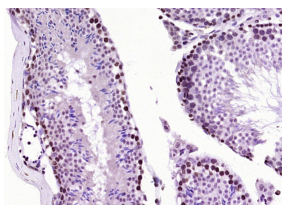
400-901-9800

CIRBP Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 1153	SWISS: Q14011	IF (1:100-500)
Target: CIRBP		Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Chicken, Dog)
Immunogen: KLH conjugated synthetic peptide derived from human CIRBP: 61-172/172.		Predicted MW.: 19 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm ,Nucleus
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3'-UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity). Promotes assembly of stress granules (SGs), when overexpressed.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Human endometrium); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CIRBP) Polyclonal Antibody, Unconjugated (bs-7790R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CIRBP) Polyclonal Antibody, Unconjugated (bs-7790R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=2.9]** Xinhui Zhang, et al. Expression of cold-inducible RNA-binding protein in mouse spinal cord injury model. plos one. 2025 Mar 4;20(3):e0311803. IF ;Mouse. 40036292