

**bs-5135R****[ Primary Antibody ]****CREM Rabbit pAb****Bioss**  
**ANTIBODIES**

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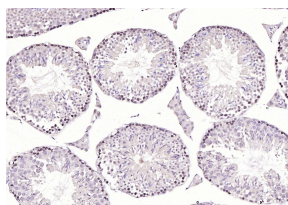
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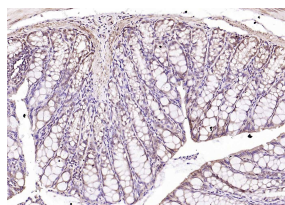
400-901-9800

**— DATASHEET —**

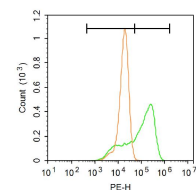
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Flow-Cyt</b> (3ug/test)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Pig, Chicken, Horse)  <b>Predicted MW.:</b> 37 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1390	<b>SWISS:</b> Q03060	
<b>Target:</b> CREM		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CREM: 251-361/361.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> CREM is a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is derived from a multiexonic gene that encodes both activators and antagonists of cAMP-inducible transcription by differential splicing. Splice variants with antagonistic function lack 2 glutamine-rich domains and block cAMP-induced transcription, whereas an isoform that includes these glutamine-rich domains is a transcriptional activator.		

**— VALIDATION IMAGES —**

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; Incubation with (CREM) Polyclonal Antibody, Unconjugated (bs-5135R) 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 colon); 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; Incubation with (CREM) Polyclonal Antibody, Unconjugated (bs-5135R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control: A549. Primary Antibody (green line): Rabbit Anti-CREM antibody (bs-5135R) Dilution: 1μg / 10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 3μg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.