

**bs-13968R****[ Primary Antibody ]****CHST7 Rabbit pAb****Bioss**  
**ANTIBODIES**

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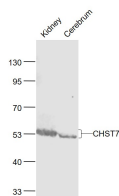
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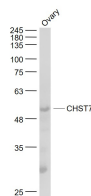
400-901-9800

**— DATASHEET —**

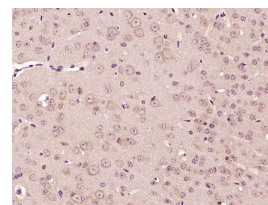
<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 56548 <b>Target:</b> CHST7 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CHST7: 101-200/486. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 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> This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus reducing the number of supercoils and altering the topology of DNA. This enzyme forms a complex with BLM which functions in the regulation of recombination in somatic cells. [provided by RefSeq, Jul 2008]	<b>Isotype:</b> IgG  <b>SWISS:</b> Q9NS84	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog)  <b>Predicted MW.:</b> 54 kDa  <b>Subcellular Location:</b> Cytoplasm
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**— VALIDATION IMAGES —**

Sample: Kidney (Mouse) Lysate at 40 ug  
Cerebrum (Mouse) Lysate at 40 ug  
Primary: Anti-CHST7 (bs-13968R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 54 kD  
Observed band size: 54 kD



Sample: Ovary (Mouse) Lysate at 40 ug  
Primary: Anti-CHST7 (bs-13968R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 54 kD  
Observed band size: 54 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (CHST7) Polyclonal Antibody, Unconjugated (bs-13968R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.