

**bs-2800R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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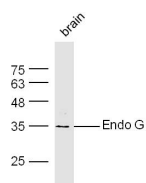
sales@bioss.com.cn

techsupport@bioss.com.cn

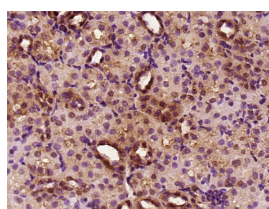
400-901-9800

**Endo G Rabbit pAb****— DATASHEET —**

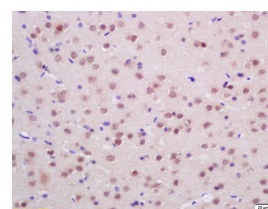
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 2021	<b>SWISS:</b> Q14249	<b>IHC-F</b> (1:100-500)
<b>Target:</b> Endo G		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Endo G: 101-200/297.		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, GuineaPig, Horse)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 35 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<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> The protein encoded by this gene is a nuclear encoded endonuclease that is localized in the mitochondrion. The encoded protein is widely distributed among animals and cleaves DNA at GC tracts. This protein is capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA. [provided by RefSeq, Jul 2008].		

**— VALIDATION IMAGES —**

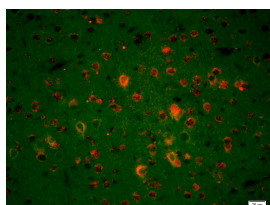
Sample: Brain (Mouse) Lysate at 30 ug Primary:  
Anti- Endo G (bs-2800R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Mouse IgG at  
1/10000 dilution Predicted band size: 35kD  
Observed band size: 35 kD



Paraformaldehyde-fixed, paraffin embedded (rat kidney tissue); 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 (Endo G) Polyclonal Antibody, Unconjugated (bs-2800R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Endo G Polyclonal Antibody, Unconjugated(bs-2800R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Endo G Polyclonal Antibody, Unconjugated(bs-2800R) 1:200, overnight at 4°C; The secondary antibody

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

was Goat Anti-Rabbit IgG, Cy3  
conjugated(bs-0295G-Cy3)used at 1:200 dilution  
for 40 minutes at 37°C.