

**bs-7824R**

**[ Primary Antibody ]**

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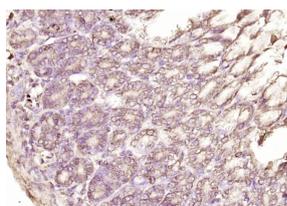
400-901-9800

## PSF2 Rabbit pAb

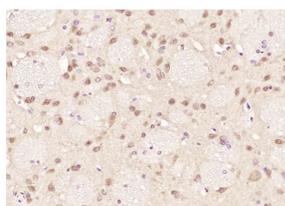
### DATASHEET

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 51659	<b>SWISS:</b> Q9Y248	<b>Reactivity:</b> Rat (predicted: Human, Mouse, Pig, Dog)
<b>Target:</b> PSF2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PSF2: 101-185/185.		
<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>Predicted MW.:</b> 21 kDa		
<b>Subcellular Location:</b> Nucleus		
<b>Background:</b> The GINS complex is composed of four subunits, encoded by SLD5, PSF1, PSF2, and PSF3. In <i>S. cerevisiae</i> , it was first identified by genetic and biochemical methods to determine factors interacting with Sld5p. Genetic interactions between these four genes also suggest that they act together. The GINS complex was independently isolated in a large scale screen for cell cycle defects. A similar complex is found in <i>Xenopus</i> and has a ring-like structure. In yeast, all four genes are essential and cells defective in SLD5, PSF1, or PSF2 are impaired in their ability to replicate DNA. The complex localizes to origins of DNA replication and Sld5p was previously implicated as functioning in DNA replication due to its genetic interaction with DPB11. Additional genetic and biochemical interactions of the GINS complex with Dpb11p, Dpb2p, and Sld3p suggest that it functions in some way at the replication fork during DNA synthesis.		

### VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat stomach); 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 (PSF2) Polyclonal Antibody, Unconjugated (bs-7824R) 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 (rat 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 (PSF2) Polyclonal Antibody, Unconjugated (bs-7824R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.