

bs-14546R**[Primary Antibody]****eIF3s8 Rabbit pAb****Bioss**
ANTIBODIES

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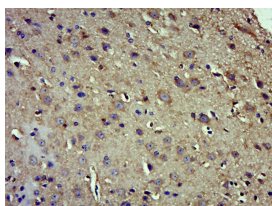
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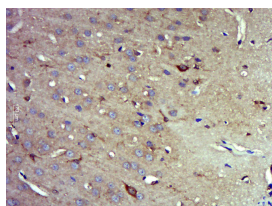
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 8663	SWISS: Q99613	IF (1:100-500)
Target: eIF3s8		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Sheep, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human eIF3s8: 101-200/913.		Predicted MW.: 105 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm
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: Translation initiation in eukaryotes necessitates the assembly of an 80S ribosomal complex containing methionyl initiator tRNA (Met-tRNA ⁱ Met), which is base paired at the initiation codon (AUG, GUG) in eligible transcripts (1,2). Eukaryotic initiation factors (eIFs) are utilized in a sequence of reactions that leads to 80S ribosomal assembly and initiation of translation (1-3). Eukaryotic initiation factor-3 (eIF3) is the largest family of eIFs and consists of at least 10 unique subunits (p170, p116, p110, p66, p48, p47, p44, p40, p36, and p35) in mammals (3,4). eIF3 subunit-9 (eIF3-h, eIF3-p116, p116, eIF3-S9, PRT1) is a 873 amino acid component of the eIF3 multi-subunit complex that is involved in ribosomal 48S complex formation (3,5). Association of the eIF3 complex with the 40S ribosomal subunit stabilizes eIF2-GTP-Met-tRNA ⁱ Met complex association and mRNA binding, and promotes dissociation of 80S ribosomes into 40S and 60S subunits (6,7).		

— VALIDATION IMAGES —

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 (eIF3s8) Polyclonal Antibody, Unconjugated (bs-14546R) at 1:400 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 (eIF3s8) Polyclonal Antibody, Unconjugated (bs-14546R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.