

bs-14551R**[Primary Antibody]****phospho-EIF4B (Ser406) Rabbit pAb****BioSS**
ANTIBODIES

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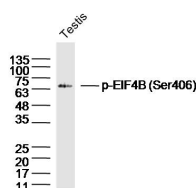
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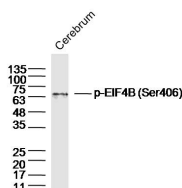
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— DATASHEET —

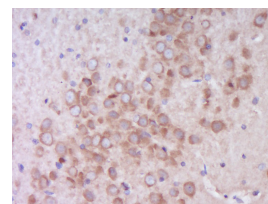
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 1975	SWISS: P23588	IHC-F (1:100-500)
Target: EIF4B (Ser406)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human EIF4B around the phosphorylation site of Ser406: HP(p-S)WR.		Reactivity: Human, Mouse, Rat (predicted: Sheep, Cow, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 69 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm
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: EIF4B is required for the binding of mRNA to ribosomes. It functions in close association with eIF4F and eIF4A. It binds near the 5'-terminal cap of mRNA in the presence of eIF4F and ATP. It promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both eIF4A and eIF4F.		

— VALIDATION IMAGES —

Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-phospho-EIF4B (Ser406)(bs-14551R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69kD Observed band size: 69kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-phospho-EIF4B (Ser406)(bs-14551R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69kD Observed band size: 69kD



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 (p-EIF4B (Ser406)) Polyclonal Antibody, Unconjugated (bs-14551R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.